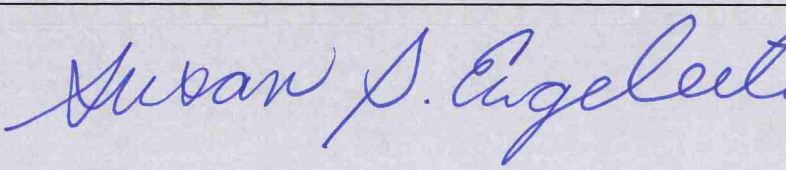


**APPENDIX A - PROPOSAL COVER SHEET
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
RFP 6100032526**

Enclosed in three separately sealed submittals is the proposal of the Offeror identified below for the above-referenced RFP:

Offeror Information:	
Offeror Name	Data Recognition Corporation
Offeror Mailing Address	13490 Bass Lake Road Maple Grove, MN 55311
Offeror Website	www.datarecognitioncorp.com
Offeror Contact Person	Susan Engeleiter
Contact Person's Phone Number	763-268-2102
Contact Person's Facsimile Number	763-268-3054
Contact Person's E-Mail Address	sengeleiter@datarecognitioncorp.com
Offeror Federal ID Number	41-1810970
Offeror SAP/SRM Vendor Number	164344

Submittals Enclosed and Separately Sealed:	
X	Technical Submittal
	Small Diverse Business Participation Submittal
	Cost Submittal

<i>Signature</i>	
Signature of an official authorized to bind the Offeror to the provisions contained in the Offeror's proposal:	
Printed Name	Susan S. Engeleiter
Title	Chief Executive Officer and President

FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM WITH THE OFFEROR'S PROPOSAL MAY RESULT IN THE REJECTION OF THE OFFEROR'S PROPOSAL

Appendix E: Organization and Security Forms

Accountability Form

* Indicates required fields

Administration * District School

Show

Enter Counts Summary Status Report

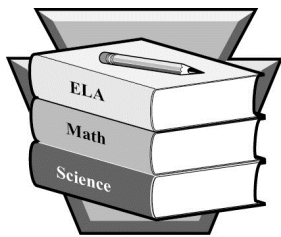
Reference the *Instructional Text* below for the reasons for any return material discrepancies.

[Instructions](#)

Accountability Form for School (2015 Spring PSSA)												
Grade	Shipped to School						Returned to DRC					
	3	4	5	6	7	8	3	4	5	6	7	8
ELA Test Booklet		289										
ELA Answer Booklet	289	289										
Math Test Booklet		289										
Math Answer Booklet	289	289										
Science Test Booklet		289										
Science Answer Booklet		289										
Spanish Math Test Booklet												
Spanish Math Answer Booklet												
Science Spanish Test Booklet												
Science Spanish Answer Booklet												
Large Print ELA Test Booklet												
Large Print ELA Answer Booklet												
Large Print Math Test Booklet												
Large Print Math Answer Booklet												
Large Print Science Test Booklet												
Large Print Science Answer Booklet												
Contracted Braille ELA Booklet												
Uncontracted Braille ELA Booklet												
Contracted Braille Math Booklet												
Uncontracted Braille Math Booklet												
Contracted Braille Science Booklet												
Uncontracted Braille Science Booklet												

Record reasons for discrepancies here:

Complete



**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT
SCHOOL PACKING LIST
SHIPMENT 2 - 2015 PSSA**

District: 120009991 SAMPLE SD

School: 000009999 SAMPLE SCH

1289443

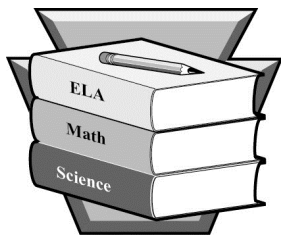
1289443

The following materials are contained in this shipment.

<u>Qty</u> <u>Ordered</u>	<u>Item</u>	<u>Box #</u>	<u>Qty</u> <u>Shipped</u>	<u>Security Range</u>
MANUALS				
14	Supplementary Information for Assessment Coordinators & Administrators	17	14	
ADMINISTRATIVE MATERIALS				
7	Grade 03 English Language Arts Scoring Guidelines	1	7	
2	Grade 03 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
7	Grade 03 Mathematics Scoring Guidelines	1	7	
2	Grade 03 Mathematics Scoring Guidelines (Pack of 20)	1	2	
1	Grade 03 Rulers (Pack of 25)	17	1	
6	Grade 04 English Language Arts Scoring Guidelines	1	6	
2	Grade 04 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
6	Grade 04 Mathematics Scoring Guidelines/Formula Sheets	1	6	
2	Grade 04 Mathematics Scoring Guidelines/Formula Sheets (Pack of 20)	1	2	
1	Grade 04 Protractors (Pack of 25)	17	1	
4	Grade 04, 08 Science Scoring Guidelines	1	4	
6	Grade 04, 08 Science Scoring Guidelines	1	6	
4	Grade 04, 08 Science Scoring Guidelines (Pack of 20)	1	4	
2	Grade 05 English Language Arts Scoring Guidelines	1	2	
2	Grade 05 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
2	Grade 05 Mathematics Scoring Guidelines/Formula Sheets	1	2	
2	Grade 05 Mathematics Scoring Guidelines/Formula Sheets (Pack of 20)	1	2	
7	Grade 06 English Language Arts Scoring Guidelines	1	7	
2	Grade 06 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
7	Grade 06 Mathematics Scoring Guidelines/Formula Sheets	1	7	
2	Grade 06 Mathematics Scoring Guidelines/Formula Sheets (Pack of 20)	1	2	
7	Grade 07 English Language Arts Scoring Guidelines	1	7	
2	Grade 07 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
7	Grade 07 Mathematics Scoring Guidelines/Formula Sheets	1	7	
2	Grade 07 Mathematics Scoring Guidelines/Formula Sheets (Pack of 20)	1	2	
4	Grade 08 English Language Arts Scoring Guidelines	1	4	
2	Grade 08 English Language Arts Scoring Guidelines (Pack of 20)	1	2	
4	Grade 08 Mathematics Scoring Guidelines/Formula Sheets	1	4	
2	Grade 08 Mathematics Scoring Guidelines/Formula Sheets (Pack of 20)	1	2	
7	Red Stickers (32 labels/sheet)	17	7	
1	School Box Range Sheet	17	1	
1	School Security Checklist	17	1	
1	Set of Barcode Labels	17	1	

Shipment 1 deadline - March 16, 2015 / Shipment 2 deadline - March 30, 2015

Please use this packing list to verify the receipt of materials listed above. SAVE all boxes in which these materials arrived; you will return materials to DRC in these boxes. If additional materials are required, please complete an Additional Material Request via DRC's eDIRECT system. All materials must be ordered four days prior to the start of a testing window in order to ensure delivery prior to the start of testing.



**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT
SCHOOL PACKING LIST
SHIPMENT 2 - 2015 PSSA**

District: 120009991 SAMPLE SD

School: 000009999 SAMPLE SCH

1289443

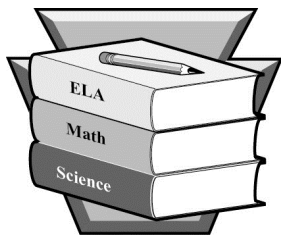
1289443

The following materials are contained in this shipment.

<u>Qty</u> <u>Ordered</u>	<u>Item</u>	<u>Box #</u>	<u>Qty</u> <u>Shipped</u>	<u>Security Range</u>
RETURN MATERIALS				
3	Plastic Bags (Pack of 5)	17	3	
1	Set of DRC Return Shipment Labels	17	1	
23	UPS-RS Labels	17	23	
ENGLISH LANGUAGE ARTS				
1	Grade 03 English Language Arts Test/Answer Booklet(s) (Pack of 17)	1	1	37017477-37017493
7	Grade 03 English Language Arts Test/Answer Booklet(s)	1	7	37200017-37200023
1	Grade 03 English Language Arts Test/Answer Booklet(s) (Pack of 17)	2	1	37017494-37017510
2	Grade 04 English Language Arts Booklet(s) (Pack of 17)	2	2	38019534-38019567
4	Grade 04 English Language Arts Booklet(s)	2	4	38200057-38200060
2	Grade 04 English Language Arts Booklet(s)	3	2	38200061-38200062
2	Grade 05 English Language Arts Booklet(s) (Pack of 17)	3	2	41023886-41023919
2	Grade 05 English Language Arts Booklet(s)	3	2	41200056-41200057
7	Grade 06 English Language Arts Booklet(s)	3	7	43200002-43200008
2	Grade 06 English Language Arts Booklet(s) (Pack of 17)	4	2	43017137-43017170
7	Grade 07 English Language Arts Booklet(s)	4	7	45200004-45200010
2	Grade 07 English Language Arts Booklet(s) (Pack of 17)	5	2	45017290-45017323
2	Grade 08 English Language Arts Booklet(s)	5	2	47200003-47200004
2	Grade 08 English Language Arts Booklet(s)	5	2	47200006-47200007
2	Grade 08 English Language Arts Booklet(s) (Pack of 17)	6	2	47010320-47010353
MATHEMATICS				
1	Grade 03 Mathematics Test/Answer Booklet(s) (Pack of 17)	6	1	01029496-01029512
6	Grade 03 Mathematics Test/Answer Booklet(s)	6	6	01200081-01200086
1	Grade 03 Mathematics Test/Answer Booklet(s)	6	1	01200089-01200089
1	Grade 03 Mathematics Test/Answer Booklet(s) (Pack of 17)	7	1	01029513-01029529
2	Grade 04 Mathematics Booklet(s) (Pack of 17)	7	2	02015624-02015657
6	Grade 04 Mathematics Booklet(s)	7	6	02200007-02200012
2	Grade 05 Mathematics Booklet(s) (Pack of 17)	8	2	04018191-04018224
2	Grade 05 Mathematics Booklet(s)	8	2	04200006-04200007
1	Grade 06 Mathematics Booklet(s) (Pack of 17)	8	1	06012921-06012937
7	Grade 06 Mathematics Booklet(s)	8	7	06200004-06200010
1	Grade 06 Mathematics Booklet(s) (Pack of 17)	9	1	06012938-06012954
2	Grade 07 Mathematics Booklet(s) (Pack of 17)	9	2	08017137-08017170
7	Grade 07 Mathematics Booklet(s)	9	7	08200004-08200010
2	Grade 08 Mathematics Booklet(s) (Pack of 17)	10	2	11011391-11011424
4	Grade 08 Mathematics Booklet(s)	10	4	11200004-11200007

Shipment 1 deadline - March 16, 2015 / Shipment 2 deadline - March 30, 2015

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ASSESSMENT
SCHOOL PACKING LIST
SHIPMENT 2 - 2015 PSSA**

District: 120009991 SAMPLE SD

School: 000009999 SAMPLE SCH

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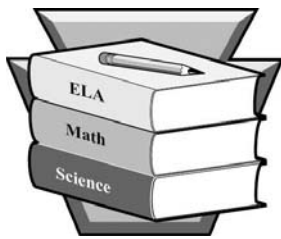
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The following materials are contained in this shipment.

<u>Qty</u> <u>Ordered</u>	<u>Item</u>	<u>Box #</u>	<u>Qty</u> <u>Shipped</u>	<u>Security Range</u>
SCIENCE				
5	Grade 04 Science Booklet(s)	10	5	62200007-62200011
1	Grade 04 Science Booklet(s)	10	1	62200155-62200155
2	Grade 04 Science Booklet(s) (Pack of 17)	11	2	62017341-62017374
2	Grade 08 Science Booklet(s) (Pack of 17)	11	2	64012632-64012665
4	Grade 08 Science Booklet(s)	11	4	64200005-64200008
ACCOMMODATED MATERIALS				
2	Grade 03 English Language Arts Braille Uncontracted Booklet(s)	12	2	91900001-91900002
5	Grade 03 English Language Arts Large-Print Booklet(s)	12	5	49000003-49000007
2	Grade 03 Mathematics Braille Uncontracted Booklet(s)	12	2	90700001-90700002
5	Grade 03 Mathematics Large-Print Booklet(s)	12	5	25000004-25000008
6	Grade 04 English Language Arts Large-Print Booklet(s)	15	6	51000007-51000012
6	Grade 04 Mathematics Large-Print Booklet(s)	15	6	26000007-26000012
6	Grade 04 Science Large-Print Booklet(s)	15	6	71000007-71000012
2	Grade 05 English Language Arts Large-Print Booklet(s)	15	2	53000003-53000004
2	Grade 05 Mathematics Large-Print Booklet(s)	16	2	28000004-28000005
7	Grade 06 English Language Arts Large-Print Booklet(s)	16	7	55000005-55000011
7	Grade 06 Mathematics Large-Print Booklet(s)	16	7	31000005-31000011
1	Grade 07 English Language Arts Braille Contracted Booklet(s)	13	1	91700001-91700001
6	Grade 07 English Language Arts Large-Print Booklet(s)	16	6	57000007-57000012
1	Grade 07 Mathematics Braille Contracted Booklet(s)	13	1	90500005-90500005
6	Grade 07 Mathematics Large-Print Booklet(s)	17	6	33000007-33000012
1	Grade 08 English Language Arts Braille Uncontracted Booklet(s)	14	1	92400001-92400001
3	Grade 08 English Language Arts Large-Print Booklet(s)	17	3	59000005-59000007
1	Grade 08 Mathematics Braille Uncontracted Booklet(s)	14	1	91200001-91200001
3	Grade 08 Mathematics Large-Print Booklet(s)	17	3	35000005-35000007
1	Grade 08 Science Braille Uncontracted Booklet(s)	13	1	92800001-92800001
3	Grade 08 Science Large-Print Booklet(s)	17	3	73000005-73000007

Shipment 1 deadline - March 16, 2015 / Shipment 2 deadline - March 30, 2015

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**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

The following list contains all the security numbers on the test booklets (referred to below as booklets) and answer booklets assigned to your school. To help you monitor these booklets, space has been provided next to each booklet number for you to enter the name of the assessment administrator receiving the booklet, the date each booklet is returned, and the reason any booklet was not returned. Immediately inform your District Assessment Coordinator if a booklet cannot be found after testing. Any discrepancies in the number of booklets returned from your assessment administrators (i.e., missing or destroyed booklets) must be documented on the Materials Accountability Form in eDIRECT. Please retain the School Security Checklist (this document) for your records.

Summary of Materials Sent

Item	Number of Items Sent	Secure Ranges Assigned
Grade 05 English Language Arts Answer Booklet(s)	17	42163915-42163931

Item	Number of Items Sent	Secure Ranges Assigned
Grade 05 English Language Arts Booklet(s)	17	41163915-41163931

Item	Number of Items Sent	Secure Ranges Assigned
Grade 05 Mathematics Answer Booklet(s)	17	05165003-05165019

Item	Number of Items Sent	Secure Ranges Assigned
Grade 05 Mathematics Booklet(s)	17	04165003-04165019

Item	Number of Items Sent	Secure Ranges Assigned
Grade 06 English Language Arts Answer Booklet(s)	17	44162334-44162350

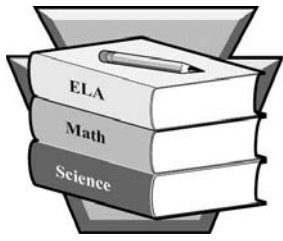
Item	Number of Items Sent	Secure Ranges Assigned
Grade 06 English Language Arts Booklet(s)	17	43162334-43162350

Item	Number of Items Sent	Secure Ranges Assigned
Grade 06 Mathematics Answer Booklet(s)	17	07153375-07153391

Item	Number of Items Sent	Secure Ranges Assigned
Grade 06 Mathematics Booklet(s)	17	06153375-06153391

Item	Number of Items Sent	Secure Ranges Assigned
Grade 07 English Language Arts Answer Booklet(s)	17	46156469-46156485

Item	Number of Items Sent	Secure Ranges Assigned
Grade 07 English Language Arts Booklet(s)	17	45156469-45156485



**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000009999 SAMPLE SCH

Item	Number of Items Sent	Secure Ranges Assigned
Grade 07 Mathematics Answer Booklet(s)	17	09155296-09155312

Item	Number of Items Sent	Secure Ranges Assigned
Grade 07 Mathematics Booklet(s)	17	08155296-08155312

Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 English Language Arts Answer Booklet(s)	17	48158560-48158576

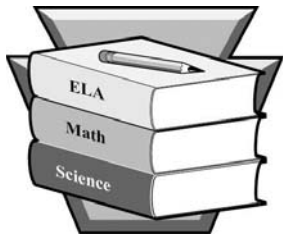
Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 English Language Arts Booklet(s)	17	47158560-47158576

Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 Mathematics Answer Booklet(s)	17	12157778-12157794

Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 Mathematics Booklet(s)	17	11157778-11157794

Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 Science Answer Booklet(s)	17	65153987-65154003

Item	Number of Items Sent	Secure Ranges Assigned
Grade 08 Science Booklet(s)	17	64153987-64154003



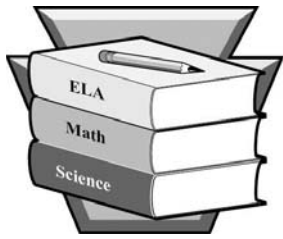
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 05 English Language Arts Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
42163915			
42163916			
42163917			
42163918			
42163919			
42163920			
42163921			
42163922			
42163923			
42163924			
42163925			
42163926			
42163927			
42163928			
42163929			
42163930			
42163931			



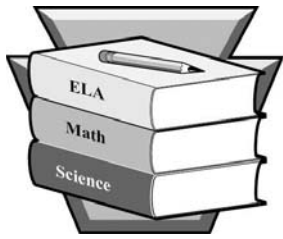
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000009999 SAMPLE SCH

Grade 05 English Language Arts Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
41163915			
41163916			
41163917			
41163918			
41163919			
41163920			
41163921			
41163922			
41163923			
41163924			
41163925			
41163926			
41163927			
41163928			
41163929			
41163930			
41163931			



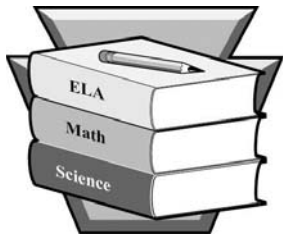
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 05 Mathematics Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
05165003			
05165004			
05165005			
05165006			
05165007			
05165008			
05165009			
05165010			
05165011			
05165012			
05165013			
05165014			
05165015			
05165016			
05165017			
05165018			
05165019			



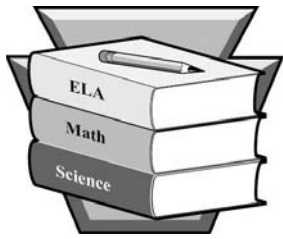
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 05 Mathematics Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
04165003			
04165004			
04165005			
04165006			
04165007			
04165008			
04165009			
04165010			
04165011			
04165012			
04165013			
04165014			
04165015			
04165016			
04165017			
04165018			
04165019			



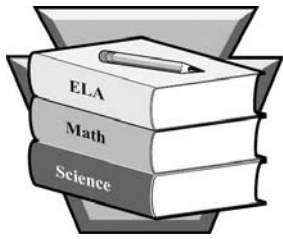
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ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 06 English Language Arts Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
44162334			
44162335			
44162336			
44162337			
44162338			
44162339			
44162340			
44162341			
44162342			
44162343			
44162344			
44162345			
44162346			
44162347			
44162348			
44162349			
44162350			



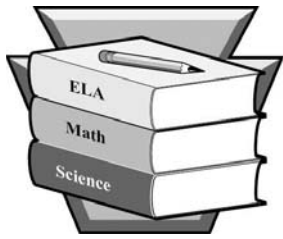
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 06 English Language Arts Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
43162334			
43162335			
43162336			
43162337			
43162338			
43162339			
43162340			
43162341			
43162342			
43162343			
43162344			
43162345			
43162346			
43162347			
43162348			
43162349			
43162350			



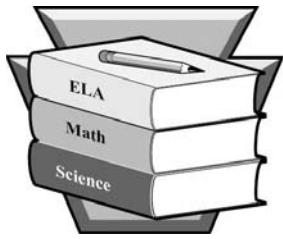
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ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 06 Mathematics Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
07153375			
07153376			
07153377			
07153378			
07153379			
07153380			
07153381			
07153382			
07153383			
07153384			
07153385			
07153386			
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07153388			
07153389			
07153390			
07153391			



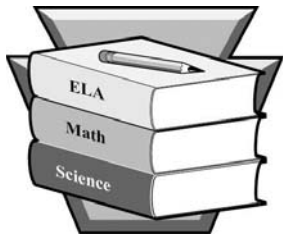
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 06 Mathematics Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
06153375			
06153376			
06153377			
06153378			
06153379			
06153380			
06153381			
06153382			
06153383			
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06153390			
06153391			



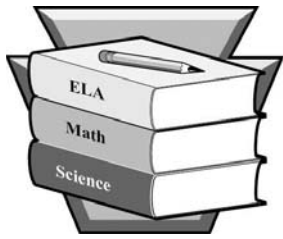
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SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 07 English Language Arts Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
46156469			
46156470			
46156471			
46156472			
46156473			
46156474			
46156475			
46156476			
46156477			
46156478			
46156479			
46156480			
46156481			
46156482			
46156483			
46156484			
46156485			



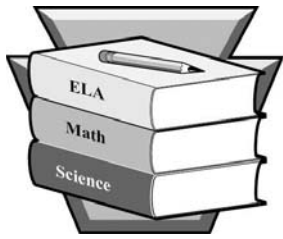
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 07 English Language Arts Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
45156469			
45156470			
45156471			
45156472			
45156473			
45156474			
45156475			
45156476			
45156477			
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45156479			
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45156484			
45156485			



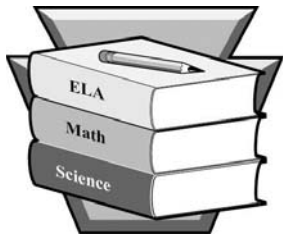
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 07 Mathematics Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
09155296			
09155297			
09155298			
09155299			
09155300			
09155301			
09155302			
09155303			
09155304			
09155305			
09155306			
09155307			
09155308			
09155309			
09155310			
09155311			
09155312			



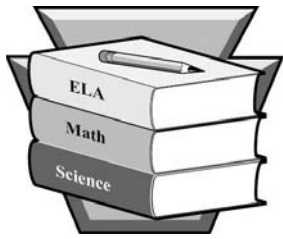
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 07 Mathematics Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
08155296			
08155297			
08155298			
08155299			
08155300			
08155301			
08155302			
08155303			
08155304			
08155305			
08155306			
08155307			
08155308			
08155309			
08155310			
08155311			
08155312			



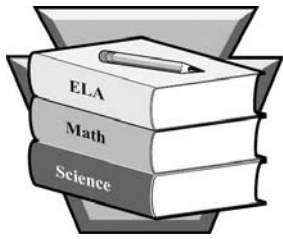
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 08 English Language Arts Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
48158560			
48158561			
48158562			
48158563			
48158564			
48158565			
48158566			
48158567			
48158568			
48158569			
48158570			
48158571			
48158572			
48158573			
48158574			
48158575			
48158576			



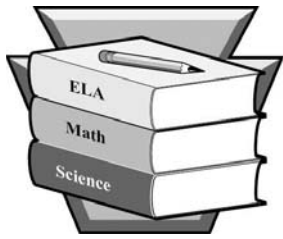
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 08 English Language Arts Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
47158560			
47158561			
47158562			
47158563			
47158564			
47158565			
47158566			
47158567			
47158568			
47158569			
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47158571			
47158572			
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47158575			
47158576			



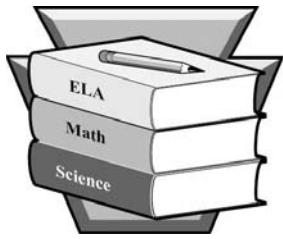
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000009999 SAMPLE SCH

Grade 08 Mathematics Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
12157778			
12157779			
12157780			
12157781			
12157782			
12157783			
12157784			
12157785			
12157786			
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12157791			
12157792			
12157793			
12157794			



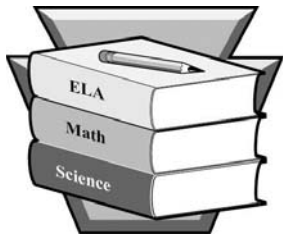
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 000099999 SAMPLE SCH

Grade 08 Mathematics Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
11157778			
11157779			
11157780			
11157781			
11157782			
11157783			
11157784			
11157785			
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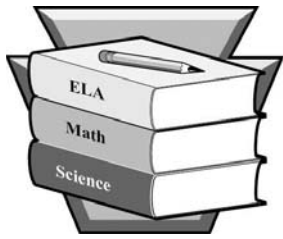
**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 08 Science Answer Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
65153987			
65153988			
65153989			
65153990			
65153991			
65153992			
65153993			
65153994			
65153995			
65153996			
65153997			
65153998			
65153999			
65154000			
65154001			
65154002			
65154003			



**2015 PENNSYLVANIA SYSTEM OF SCHOOL
ASSESSMENT**

**SCHOOL SECURITY CHECKLIST
SHIPMENT 2 - 2015 PSSA**

District: 199999999 SAMPLE SD

School: 00009999 SAMPLE SCH

Grade 08 Science Booklet(s)			
Secure Numbers	Test Administrator Name	Date(s) Returned	Reason If Item Is Not Returned
64153987			
64153988			
64153989			
64153990			
64153991			
64153992			
64153993			
64153994			
64153995			
64153996			
64153997			
64153998			
64153999			
64154000			
64154001			
64154002			
64154003			

2015 PSSA Test Security Certification

(District Assessment Coordinator)



District: _____

School: _____

AUN: _____

Maintaining the security and integrity of all assessment materials, preventing any dishonest or fraudulent behavior in the administration and handling of the assessment, and promoting a fair and equitable testing environment are essential in order to obtain reliable and valid student scores. In that regard, I certify the following:

Prior to the administration of the assessment, all individuals involved in the handling of assessment materials and/or the administration of the assessment received instruction regarding test security protocols and procedures. Additionally, prior to the administration of the assessment, any individual who administered and/or proctored the assessment completed the Pennsylvania State Test Administration Training and all School Assessment Coordinators were trained on the Test Accountability and Security information contained in the *Handbook for Assessment Coordinators*. Furthermore, prior to the administration of the assessment, all individuals involved in the handling and/or administration of the assessment and all individuals who had access to any assessment materials were informed that the assessment materials are secure, confidential, and proprietary documents owned by the Pennsylvania Department of Education. These individuals were made aware that they were neither to review, discuss, disseminate, describe, or otherwise reveal the contents of the assessment to anyone nor were they to remove any assessment materials from the school building. They were also made aware that they were not to keep, copy, reproduce, release, or use any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education.

Prior to the administration of the assessment, all individuals involved in the handling and/or administration of the assessment received instruction that all assessment materials, including all assessment booklets and other materials containing secure assessment questions and student responses, were to be kept secure and precisely accounted for in accordance with the procedures specified in the *Handbook for Assessment Coordinators*. Further, prior to the administration of the assessment, all individuals who assisted in the administration of the assessment and all individuals who had access to the secure assessment materials were made aware that they were not to in any manner alter or cause the alteration of any examinee response, assessment booklet, or papers used by examinees.

All assessment materials received from DRC have been used and secured in accordance with the directions contained in the *Handbook for Assessment Coordinators*.

I have not reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone. I am not aware that any individual has reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone. I have neither removed any assessment materials from the school building unless I was specifically authorized to administer the assessment to a student on homebound instruction nor am I aware that any individual has removed any assessment materials from the school building unless specifically authorized to administer the assessment to a student on homebound instruction.

I have not kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education. I am not aware that any individual has kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education. I have neither provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question nor am I aware that any individual has provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question. I have not in any manner altered or caused the alteration of any examinee response, assessment booklet, or papers used by examinees. I am not aware that any other individual has altered or has caused to have altered any examinee response in any manner.

I understand that I am responsible for the secure administration of the assessment in my school district and for the return of all secure assessment material that was received from DRC and that any breach in assessment security could result in the invalidation of assessment results, professional discipline, and/or criminal prosecution.

I understand that false statements herein are made subject to the penalties of 18 Pa.C.S. § 4904.

Assessment Coordinator Name

Assessment Coordinator Signature

Date of Signature

2015 PSSA Test Security Certification

(School Assessment Coordinator and Principal)



District: _____

School: _____

AUN: _____

Maintaining the security and integrity of all assessment materials, preventing any dishonest or fraudulent behavior in the administration and handling of the assessment, and promoting a fair and equitable testing environment are essential in order to obtain reliable and valid student scores. In that regard, I certify the following:

Prior to the administration of the assessment, all individuals involved in the handling of assessment materials and/or the administration of the assessment received instruction regarding test security protocols and procedures. Additionally, prior to the administration of the assessment, any individual who administered and/or proctored the assessment completed the Pennsylvania State Test Administration Training. Furthermore, prior to the administration of the assessment, all individuals involved in the handling and/or administration of the assessment and all individuals who had access to any assessment materials were informed that the assessment materials are secure, confidential, and proprietary documents owned by the Pennsylvania Department of Education. These individuals were made aware that they were neither to review, discuss, disseminate, describe, or otherwise reveal the contents of the assessment to anyone nor were they to remove any assessment materials from the school building. They were also made aware that they were not to keep, copy, reproduce, release, or use any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education.

Prior to the administration of the assessment, all individuals involved in the handling and/or administration of the assessment received instruction that all assessment materials, including all assessment booklets and other materials containing secure assessment questions and student responses, were to be kept secure and precisely accounted for in accordance with the procedures specified in the *Handbook for Assessment Coordinators*. Further, prior to the administration of the assessment, all individuals who assisted in the administration of the assessment and all individuals who had access to the secure assessment materials were made aware that they were not to in any manner alter or cause the alteration of any examinee response, assessment booklet, or papers used by examinees.

All assessment materials received from DRC have been used and secured in accordance with the directions contained in the *Handbook for Assessment Coordinators*.

I have not reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone. I am not aware that any individual has reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone. I have neither removed any assessment materials from the school building unless I was specifically authorized to administer the assessment to a student on homebound instruction nor am I aware that any individual has removed any assessment materials from the school building unless specifically authorized to administer the assessment to a student on homebound instruction.

I have not kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education. I am not aware that any individual has kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education. I have neither provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question nor am I aware that any individual has provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question. I have not in any manner altered or caused the alteration of any examinee response. I am not aware that any other individual has altered or has caused the alteration of any examinee response in any manner.

I understand that I am responsible for the secure administration of the assessment in my school(s) and for the return of all secure assessment material that was received from DRC and that any breach in assessment security could result in the invalidation of assessment results, professional discipline, and/or criminal prosecution.

I understand that false statements herein are made subject to the penalties of 18 Pa.C.S. § 4904.

Name

Signature

Date of Signature

2015 PSSA Test Security Certification

(Test Administrator and Proctor)

District: _____

School: _____

AUN: _____

Maintaining the security and integrity of all assessment materials, preventing any dishonest or fraudulent behavior in the administration and handling of the assessment, and promoting a fair and equitable testing environment are essential in order to obtain reliable and valid student scores. In that regard, I certify the following:

Prior to the administration of the assessment, I completed the Pennsylvania State Test Administration Training, and I understand that the assessment materials are secure, confidential, and proprietary documents owned by the Pennsylvania Department of Education.

I have not reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone. I have not removed any assessment materials from the school building unless I was specifically authorized to administer the assessment to a student on homebound instruction. I have not kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner that is inconsistent with the instructions provided by or through the Pennsylvania Department of Education. I have not provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question. I have not in any manner altered or caused the alteration of any examinee response, assessment booklet, or papers used by examinees.

I understand that any breach in assessment security could result in the invalidation of assessment results, professional discipline, and/or criminal prosecution.

I understand that false statements herein are made subject to the penalties of 18 Pa.C.S. § 4904.

Administrator/Proctor Name

Administrator/Proctor Signature

Date of Signature

2015 PSSA Test Security Certification (General)

District: _____

School: _____

AUN: _____

Maintaining the security and integrity of all assessment materials, preventing any dishonest or fraudulent behavior in the administration and handling of the assessment, and promoting a fair and equitable testing environment are essential in order to obtain reliable and valid student scores. In that regard, I certify the following:

I understand that all assessment materials are secure, confidential, and proprietary documents owned by the Pennsylvania Department of Education.

I have neither reviewed, discussed, disseminated, described, or otherwise revealed the contents of the assessment to anyone nor have I removed any assessment materials from the school building. I have not kept, copied, reproduced, released, or used any assessment, assessment question, specific assessment content, or examinee response to any item or any section of the secure assessment in any manner. I have not provided any examinee with an answer to an assessment question or in any way influenced an examinee's response to any assessment question. I have not in any manner altered or caused the alteration of any examinee response, assessment booklet, or papers used by examinees.

I understand that any breach in assessment security could result in the invalidation of assessment results, professional discipline, and/or criminal prosecution.

I understand that false statements herein are made subject to the penalties of 18 Pa.C.S. § 4904.

Name

Signature

Date of Signature

**Appendix F: Administrator Training Manual
Presentations**



2015 PSSA Assessment Coordinator Training

March 9-12, 2015

DRC Contact Information:

Toll free number: 1-800-451-7849

Email: pacustomerservice@datarecognitioncorp.com

PDE contact information

Phone number: 717-787-4234

or: 717-705-2343

Accountability

Any questions concerning accountability reporting should be directed to the Department of Education's PDE Division of Performance Analysis and Reporting.

Email your questions to ra-pas@pa.gov

Agenda

- Introductions – PDE
- New This Year – PDE
- General Overview – PDE
- PSSA Overview – PDE
- Monitoring – PDE
- Test Security – PDE
- PDE Security Training – PDE
- Planning for the Assessment – PDE
- Participation and Exceptions to Participation – PDE
- Administering the Assessment – PDE
- Data Recognition Corporation General Information – DRC
- Paper/Pencil Administration – DRC
- Online Administration – DRC

- NEW this year

ALL court/agency placed students must participate in the state assessments, not just those with an IEP. Attribution will be to the state only.

General Overview

- All policy decisions come from PDE
- All PSSA logistics are the responsibility of DRC and include:
 - ✓ Delivery of Paper Materials
 - ✓ eDIRECT System
 - ✓ Insight System (online test engine)

PSSA Overview

- Available to students either online or paper/pencil
- Multiple-Choice (MC) and Constructed-Response (CR) items

PSSA Overview

- Students in grades 3-8 will be required to take the PSSA.
- The entire PSSA will be based on the PCS

PSSA Overview

- **PSSA and Keystone Exams**
 - Students in 8th grade or below who complete a course for which there is a Keystone Exam will take both the Keystone Exam and the PSSA.

PSSA Overview**Frequently asked questions**

Concussions and participation

Need medical documentation within **two weeks** of the start of the testing window

Calculator usage

As long as the *Pennsylvania Calculator Policy* is followed, calculators may be used for:

- Grades 4-8 PSSA Mathematics assessment (except for the non-calculator sections)
- Algebra I Keystone Exam
- PSSA Science assessment
- Biology Keystone Exam

PSSA Overview

Accommodations

The *Accommodations Guidelines for Students with an IEP or 504 Plan* and the *Accommodations Guidelines for ELL Students* are available on the PDE website.

PSSA Overview

Pennsylvania Alternate System of Assessment (PASA) Students

Eligible students in grade 3-8 will participate in the PASA for math, reading, and science instead of the PSSA during the spring PASA window

If a student meets the criteria to participate in the PASA, he/she must also participate in a school or district provided alternate assessment for Writing

PSSA Overview

English Language Learner (ELL) students are treated the same as every other student with the following exceptions:

- Participation in the mathematics and science assessments are mandatory
- Participation in the ELA assessment is optional for students in their first year of enrollment in a U.S. school

• Monitoring

– Process:

- Interview DAC, Principal, SAC, two TAs
- View documents, rooms, etc.
- Sit in on a testing session

- Monitoring

- Documents (not an exhaustive list)

- Written procedure for handling breaks
 - Written procedure for handling disruptions
 - Training agendas and sign-in sheets
 - SAC
 - TAs
 - PAsureID Distribution list with TAs/Proctors
 - Written school/district-specific procedures for parents to view the test

- Documents (cont.)

- Parental Opt-out Request Letters
 - Test Security Certification Statements from previous year
 - Master Test Schedule, including small group rosters
 - Make-up Test Schedule
 - PSTAT Certificates
 - Sign-in/Sign-out sheet for test distribution

- Facilities

- Secure Storage Area
 - Testing Rooms
 - Hallways

- Activities and Other Information

- Test distribution and collect to and from the TAs
 - Test distribution and collection in the testing room
 - Method of ensuring TAs know what Accommodations Students are to receive

- Follow-up

- Letter to Superintendent listing Positive Comments, Must-Do's and Best Practices

PDE Policy – Test Security

- The assessments rely on the measurement of individual achievement. Any deviation from assessment procedures is strictly prohibited and will be considered a violation of test security
- School administrators, teachers, and any other education personnel who are involved in the assessment program must maintain the security of all assessment materials at all times
- Because the assessment must remain secure, teachers/Test Administrators should not have assessment materials in their possession at any time other than during the actual assessment administration

PDE Policy- Test Security
Test Security Certifications

- The Test Security Certifications must be signed after the assessments are administered
 - Principal, District Assessment Coordinator (DAC), School Assessment Coordinator (SAC), Test Administrator (TA), Proctor (if applicable)
 - Provided in Appendix E of *Handbook for Assessment Coordinators*
- All other individuals handling secure materials MUST have a signed General Test Security Certification on file
- The chief school administrator must retain all certifications for three years
- DO NOT return these forms to DRC

PDE Policy – Test Security

Test Security Certifications

- If an individual does not sign the appropriate Test Security Certification, the chief school administrator must provide the PDE's Bureau of Assessment and Accountability with a written explanation of the reason or reasons why the certification was not executed. The explanation must provide a description of the action taken by the chief school administrator in response to the failure to execute the Test Security Certification

PDE Policy – Test Security

PAsecureID List Distribution

- School assessment coordinators must generate a list(s) of students by PAsecureID to show all students taking the PSSA
- The list should include for each student the test administrator, school name, year, and subject being administered
- All lists must be retained at the district/school for three years and be available when requested by PDE

Roles and Responsibility

Updated and revised Pennsylvania State Test Administration Training (PSTAT)

- One-to-one online interactive training for Test Administrators
- Self-check quiz at end
- Certificate of Completion.
- Go to www.pssatraining.com for more information
- Questions? Contact DRC at 844-734-1422

Roles and Responsibilities

District Assessment Coordinator (DAC)

- Attend required PDE training
- Update eDIRECT accounts for district and school users
- Review all *Directions for Administration* (DFA) manuals, the *Handbook for Assessment Coordinators*, and *Online User Guides* (if testing online)
- Review your district's procedures for home-schooled students
- Review your district's policy for handling cyber charter school requests to test their students

Roles and Responsibilities

District Assessment Coordinator (DAC)

- Train school assessment coordinators
- Receive and inventory tests
- Distribute tests to school assessment coordinator(s)
- Collect tests from school assessment coordinator(s)
- Inventory, package, and return tests to DRC

Roles and Responsibilities

School Assessment Coordinator (SAC)

- Attend training offered by DAC
- Update eDIRECT accounts for Test Administrators (if testing online)
- Review all *DFA's*, the *Handbook for Assessment Coordinators*, and *Online User Guides* (if testing online)
- Train Test Administrators and Proctors

Note: Test Administrators must be a member of the school/district staff (includes substitute teachers). No volunteers.

Roles and Responsibilities

School Assessment Coordinator (SAC)

- Create testing schedule, including:
 - Be prepared for parental requests to view the test. Parental review must be done with a paper assessment booklet
 - Schedule small group setting(s)
 - Schedule extended time setting(s)
 - Assign test administrators for breaks and movement to other setting(s)

Roles and Responsibilities

School Assessment Coordinator (SAC)

- Receive tests from DAC (ship to district sites) or DRC (ship to school sites)
- Inventory tests for school, order additional materials if needed
- Create Test Sessions in eDIRECT (if testing online)
- Put labels on test booklets (Do not open test booklets while doing this!)
- Distribute tests to TAs on the day and time scheduled for test administration

Roles and Responsibilities

School Assessment Coordinator (SAC)

- Monitor testing sessions
- Collect tests from Test Administrators
- Make sure no prohibited materials are on the classroom or hallway walls
- Make sure tests are in a locked area with controlled and limited access
- Return all tests to DAC (ship to district sites) or DRC (ship to school sites)

Roles and Responsibilities

School Assessment Coordinator (SAC)

As the School Assessment Coordinator, you are responsible for the security and proper administration of the PSSA

Roles and Responsibilities

Test Administrator (TA)

- Attend SAC-led Test Administrators training
- Review all *DFA's* and *Online User Guides* (if testing online)
- Be familiar with all testing protocols, including the *Ethical Standards of Test Administration*
- Follow all testing protocols
- Sign the *Test Security Certification Statement*
- Make sure students understand the *Code of Conduct for Test Takers*
- Make students familiar with testing procedures

Roles and Responsibilities

Test Administrator (TA)

- Answer any questions students may have about test directions
- Actively monitor the test session
- Maintain a calm, quiet environment during testing
- Collect test materials as soon as a student indicates he or she is finished
- Collect and return test books to the SAC when testing is complete
- Report any suspected testing violations to the SAC and to PDE

Chain of Custody

- Tests must be secured and accounted for at all times
- DAC's must inventory the tests as soon as they arrive in the district and keep them in a locked storage area that has limited access
- SACs must inventory the tests as soon as they arrive in the school and keep them in a locked storage area that has limited access

Chain of Custody

- When distributing tests to or collecting tests from Test Administrators, the tests should be counted by the SAC and/or designee(s) in the presence of the Test Administrators
 - PDE recommends the use of a sign-off sheet.
- Tests must be collected by the SAC as soon as a testing session is completed

Chain of Custody

- Tests must be stored in a locked storage area
- Only people who require access to the tests should have a key to the storage area
- Samples of the test booklets are **NOT** to be furnished to the TA's as part of the training. TA's must **NOT** receive any test booklets until the test is to be administered

Common Violations

The following are examples of testing violations. This is **NOT** an exhaustive list.

- Misuse of accommodations (e.g., reading the math test to the entire class; reading aloud the reading test)
- "Under" proctoring (e.g., inadequately monitoring the testing session)
- "Over" proctoring (e.g., reminding a student without the appropriate accommodation to answer a specific question)

Common Violations

- Changing answers or encouraging students to change their answers
- Discussing the test or test questions with individual students
- Reading aloud a math question or answer choice when doing so cues the correct answer

Common Violations

- Not removing or covering instructional materials in the testing room or the hallways
- Giving reminders to individual students or to the entire class (e.g., "Remember, we covered this last week.")
- Allowing students to possess cell phones during testing
- Allowing students to have devices in the testing room that take pictures

Common Violations

- Copying or recording any part of the secure test materials.
- Viewing secure test material by teachers, proctors, administrators, etc.
- Returning test materials to students to complete or enhance answers.

Potential Consequences of Testing Violations

For Educators

- Verbal reprimand
- Written reprimand
- Suspension with or without pay
- Termination
- Revocation of certification
- Criminal charges

Potential Consequences of Testing Violations

For Students

- “Do Not Score” label will be placed on the student’s answer booklet and the student must retake the exam during the same administration testing window in order to receive a score
- Other consequences for students violating test security are up to the individual LEA
- Students should be made aware of all consequences prior to testing
- ALL test security violations by students must be reported to PDE immediately

Data Available to PDE

Some examples

- Student erasures
- How long it takes a student to answer an item when taking the test on a computer
- When answers are changed and how often they are changed on a computer
- Statistical analyses of student scores and performance

Cautions!

- Do actively proctor the test but do not over proctor
- Do encourage the class to check their answers but do not encourage specific students to check their answers
- Do report all prohibited actions
- Do not review student test or answer booklets (except as stated in the Administration Manual and the Accommodations Guidelines).
- Do not provide answers to students.
- Do cover all materials on the walls that relate to tested content, including motivational posters.
- Do ensure students sitting next to each other have different test form numbers.

Cautions!

- Do not assist, direct, or counsel students during the administration of the test in any way that would influence student answers
- Do not alter, influence, or interfere with a test response in any way, fill in any unanswered item, or instruct a student to do so.
- Do not discuss or provide feedback regarding test items.
- Do not direct students to use the answer sheet as scratch paper or as a method to eliminate incorrect answer options.
- Do not allow students to do work in tested subjects when they finish.

Contact Information

To report suspected violations, contact PDE at 717.787.4234

Additional Test Security Contact Information

Jay Gift: 717.783.1144 or rgift@pa.gov

Kerry Helm: 717.783.6538 or khelm@pa.gov

Charlie Wayne: 717.783.0358 or cwayne@pa.gov

DRC General Information

DRC General Information

- The site responsible for delivering the student’s education is responsible for ordering materials, receiving materials and administering the assessment
- For Intermediate Unit (IU)-run classrooms housed within a regular district school building, the district school building is responsible for ordering the materials so the IU personnel can administer the assessment to the students

DRC General Information

English Language Arts Test Dates

Testing window: April 13-17, 2015
Return materials by: April 22

Mathematics Test Dates

Testing window: April 20-24, 2015
Return materials by: April 29

Science Test Dates

Testing window: April 27-May 1, 2015
Return materials by: May 6

Make-up Window: May 4-8, 2015

All materials must be out of schools by May 8, 2015

NOTE: Make-ups can occur anytime after the subject’s PDE-established testing window.

Materials should be returned when the majority of the population has completed an assessment.

Ensure that early returns do not include booklets for students who need a make-up session.

DRC General Information

Key Dates	
Description	Date Available
Handbook and User Guides (PDFs on eDIRECT)	Currently Available
PA Online Assessment Software and Test Tutorials	Currently Available
PA eDIRECT Test Setup System	Currently Available
Handbook and DFA Hardcopies Delivered	By March 16, 2015
Secure Materials Delivered	By March 30, 2015
PSSA Attributions/Demographic Corrections Window	June 1-5, 2015
PASA Attributions/Demographic Corrections Window	June 29-July 1, 2015
District Student Performance Data Files and Parent Letters	July 14, 2015
PASA 1% Redistribution Window	July 20-22, 2015

Paper/Pencil Administration

Materials Receipt Notice

- Notice of Secure Material receipt MUST be provided via eDIRECT
- Permissions have been assigned to District Assessment Coordinators
- District Assessment Coordinators can assign permissions to School Assessment Coordinators

Accommodated Materials

- Accommodated assessments are available in Braille and Large Print versions
 - All student responses from accommodated assessments must be transcribed into a scannable answer booklet
- A Spanish-translation version of the mathematics and science assessments are available

The Materials Receipt Notice must be completed in eDIRECT for every site that receives materials directly from DRC.

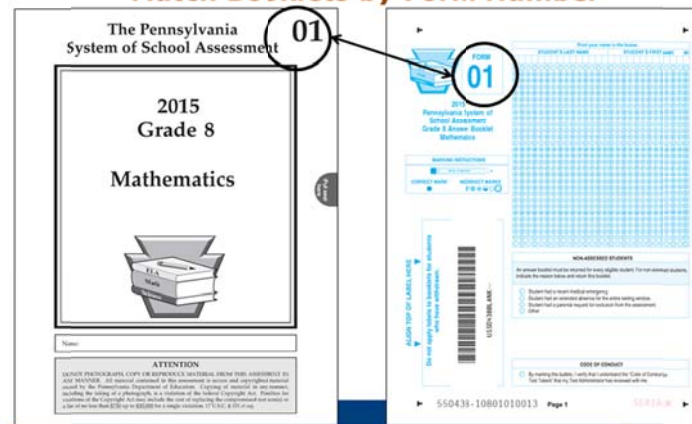
School Assessment Coordinator accounts in eDIRECT are established by the District Assessment Coordinator.

Additional large print and Spanish-translation booklets must be ordered through eDIRECT. Contact DRC Customer Service for additional Braille booklets.

Additional Materials

- Inventory/account for all materials as soon as possible
- Additional materials should be requested AFTER material has been received and counts have been verified
- All orders will be placed through eDIRECT, which will be available on March 30, 2015
- Order additional materials as soon as possible

Match Booklets by Form Number



Additional Materials Requests will be processed after the initial shipment of secure materials.

The form numbers on the test and answer booklet MUST match to ensure accurate scoring of student responses.

Barcode Labels

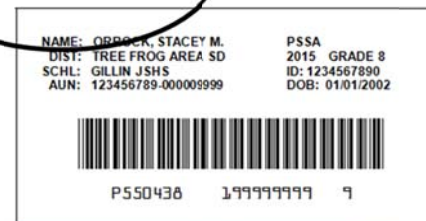
- Answer booklets returned to DRC for processing must have a label attached. The only answer booklets that should **NOT** have labels attached are booklets that are unused and **COMPLETELY** blank
- Whether a Student Precode or a District/School Label is used, page three needs to be filled out for any student using an accommodation, as well as any non-tested codes on page one

Barcode Labels

STUDENT PRECODE LABELS

Student Precode Labels contain student demographic information as reported in eDirect

If a student withdraws or transfers prior to the start of the testing window, discard student label



DO NOT return a used answer booklet to DRC without a barcode label affixed to the front cover.

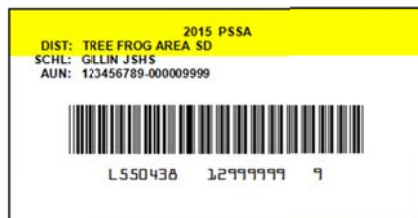
Precode labels for students no longer enrolled in your school should be destroyed.

DRC cannot update a student's record with new PIMS data if the name or PAsecureID printed on the precode label is different than the information in PIMS during the testing window.

Barcode Labels

DISTRICT/SCHOOL LABELS

District/School Labels contain district and school specific information only. These labels must be used when Student Precode Labels are not used.



Barcode Labels

DISTRICT/SCHOOL LABELS (cont)

When using District/School Labels, the student's name, birth date, and PAsecureID must be bubbled **exactly** as it appears in your school's student information system.



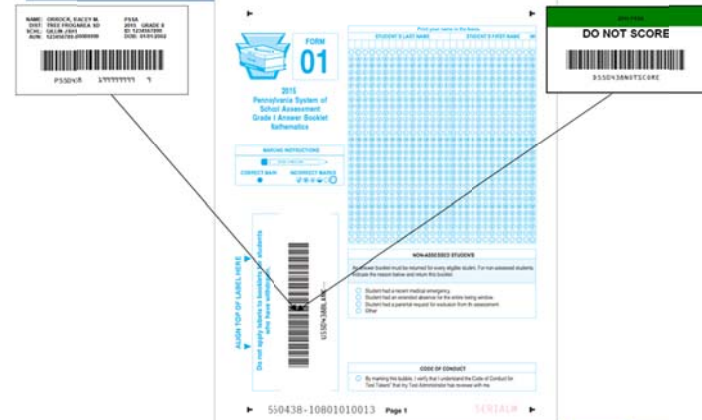
When using District/School Labels, the front cover and all applicable items on page 2 of the answer booklets must be hand-bubbled.

A student's name, PAsecureID, and birth date must be bubbled on the answer booklet exactly as it appears in PIMS in order to match the student to the PIMS file for reporting.

Barcode Labels

DO NOT SCORE LABELS

All sites will receive Do Not Score Labels for answer booklets that should not be scored.



Do Not Score Labels must be affixed over any label already on the booklet.

Distributing and Tracking Secure Materials

- Use the Security Checklist
- Update the Materials Accountability Form

SCHOOL SECURITY CHECKLIST SHIPMENT II

Division: 12145710 PENNSYLVANIA SD
School: 00000987 PENNSYLVANIA JHS

The following list contains all the security numbers on the booklets assigned to your school. Thoroughly examine these booklets, open and close each booklet to ensure that you receive the correct version of the assessment instrument receiving the booklet, the date each booklet is received, and the reason any booklet was not returned. Immediately inform your District Assessment Coordinator if a booklet cannot be found after testing.

This list is for your use. You have received one copy of this form. Any discrepancy in the number of booklets returned from your assessment instrument (i.e., missing or destroyed booklets) must be documented on the District's Accountability Form (separate document) and forwarded to your District Assessment Coordinator along with the assessment materials.

Security Number	Test Administrator Name	Booklet Returned	Reason if Book is not Returned
7952487	MRS. GILLEN	4/28	4/28
7952488			
7952489			
7952490			
7952491			
7952492			
7952493			
7952494			
7952495			
7952496			
7952497	MARIA PUGLIONE	4/28	
7952498			
7952499			
7952500			
7952501			
7952502			
7952503			
7952504			
7952505			
7952506			
7952507			
7952508			
7952509			
7952510			
7952511			
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7952513			
7952514			
7952515			
7952516			
7952517			
7952518			
7952519			
7952520			
7952521			
7952522			
7952523			
7952524			
7952525			

Destroyed due to illness

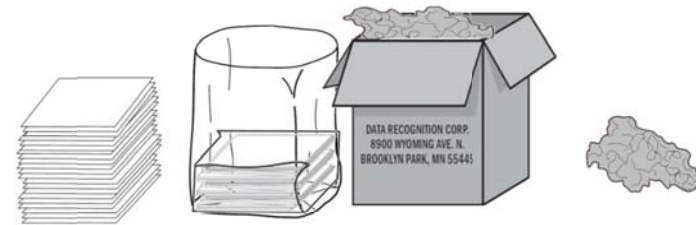
Keep your security checklists on file after you've returned your materials to DRC. The checklist can be very beneficial in determining the location of a missing booklet.

Materials Accountability Form

- Available electronically via the eDIRECT website
- Inventory all materials to be returned to DRC
- Document discrepancies in the online form
- Form can be accessed and updated throughout the testing window
- Updates should be made by May 8, 2015

Return instructions for answer booklets

- Answer booklets must be sealed in bags and packed in boxes for return to DRC. Use appropriate packing material to fill empty space.

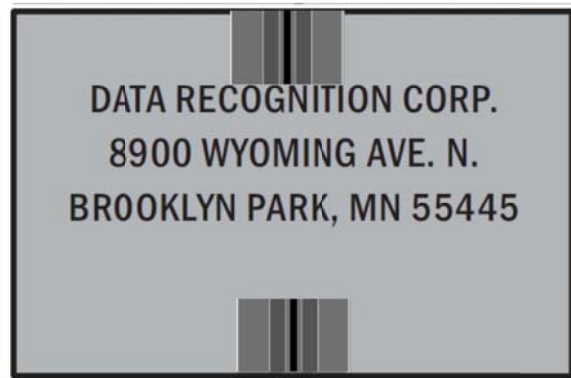


Every testing site is responsible for completing a Materials Accountability Form via eDIRECT.

The Materials Accountability Form is your tool for notifying DRC of discrepancies in the receipt or return of secure materials.

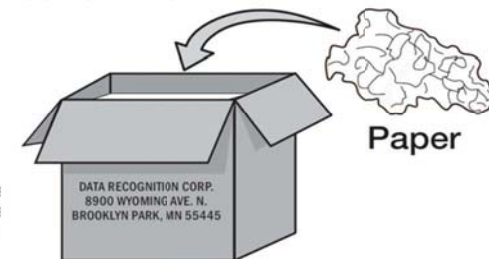
Remember that all answer booklets (used and unused) should be boxed separately from test booklets.

Return Instructions – Answer Booklets



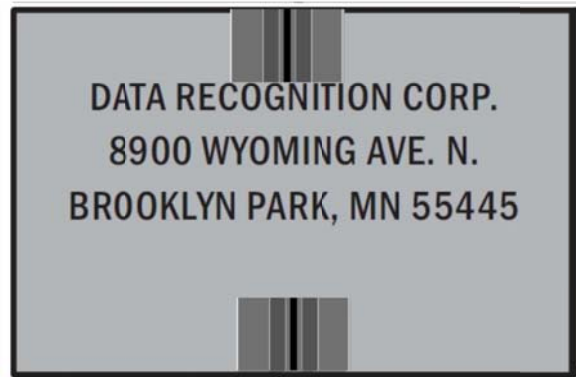
Return Instructions for test booklets and unopened packages.

- Do not need to be bagged. Can be placed directly into box.
- Use appropriate packing material for filler.



Use the box-flaps labeled A and B to affix the appropriate Return Shipment labels.

Test booklets and unopened packages (shrink-wrapped packs) do not need to go into a plastic bag.

Return Instructions for test booklets and unopened packages.


66

Return instructions

Material pick-up

If you do not have a regularly scheduled UPS pick-up or delivery, call UPS at 866.857.1501 to arrange a pick up at least 24 hours prior to your requested pick-up

www.education.state.pa.us > 67

Follow the same labeling and sealing procedures for the boxes of test booklets.

All ELA booklets must be shipped by April 22, 2015.
 All Math booklets must be shipped by April 29, 2015
 All Science booklets must be shipped by May 6, 2015.

Special note

- Keep a copy of the UPS-RS tracking numbers used
- If DRC has questions about a district's assessment materials, we make follow-up phone calls after the testing window has closed
- It is important to return these calls as soon as possible in order ensure fast and accurate reporting and to keep your schools off the missing materials report sent to PDE

www.education.state.pa.us > 68

Online Administration

www.education.state.pa.us > 69

Make sure that school personnel answering phones know who is responsible for handling PSSA questions from DRC.

System Overview

- Internet connectivity is required for testing
- Student responses are regularly saved to DRC servers throughout testing
- The *PA Online Assessment* software must be installed on all computers to be used for testing.
- iPADS and Chromebooks are allowable devices.

PA Online Assessment tutorials

- Prior to online testing, ensure students view the video tutorials for the applicable subject(s)
- Allow a minimum of 20 minutes for viewing
- Tutorials can be reviewed as often as needed
- Access by double-clicking PA Online Tutorials icon on computer desktop



Technology User Guide can be found on eDIRECT under General Information/Documents

PA Tutorials can be found on eDIRECT under Test Setup/General Information. Also the tutorials are downloaded with the testing software.

Online Tools Training

- Students can practice using the online tools and become familiar with functionality of the software
- Schedule time for students to take the *Online Tools Training (OTT)* prior to testing
- One OTT for each subject
- Allow 15 minutes to take a single OTT
- DAC's, SAC's, and TA's should use OTT prior to administering an assessment

Online Tools Training

- Access by double-clicking *DRC Insight* icon on computer desktop



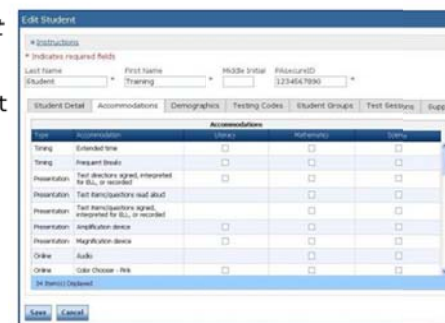
OTTs are downloaded with the test engine software. The OTTs provide hands-on experience of the tools including online accommodations.

Test Setup - Student Information

- Student data has been loaded to eDIRECT from the November PIMS snapshot
- Student data from a PIMS file cannot be updated in eDIRECT
- If a student is not listed in eDIRECT, the student may need to be added to the system

Accommodations

- On the *Edit Student* page, use the Accommodations tab to enter student accommodations
- The Audio, Color Chooser, and VSL accommodations must be updated prior to testing.

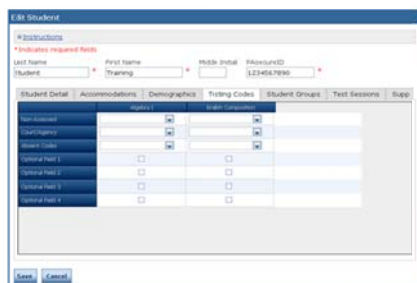


If the student's name, PAsecureID, or birthdate is incorrect, do not add the incorrect record to the test session. A new record must be uploaded to eDIRECT. If any other demographic information is incorrect, the record can be used. Make sure PIMS is updated so the correct demographic information is provided to DRC.

Audio, Color Chooser, and Contrasting Text Chooser accommodations can be accessed through the Online Tools Training. "audio" or "color" must be added after the username.

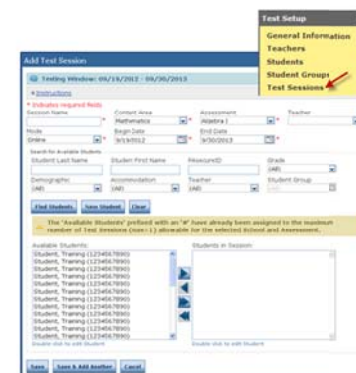
Testing Codes

- Access the *Edit Student* page to update *Testing Codes* for a student



Create Test Sessions

- Test tickets are generated for each student in a test session.
- A student can only be in one session per content.
- If a student is no longer testing online, remove him/her from the test session.
- For easier test session management, create sessions for the different classes, times, etc.

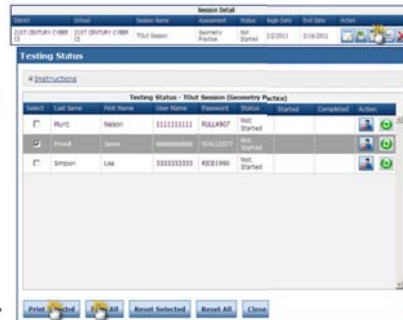


Test Setup User Guide is available on eDIRECT under General Information/Documents.

Test Sessions can be added individually or with an upload file.

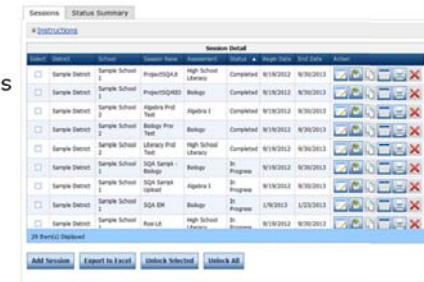
Print student login tickets

- Tickets can be printed for all students in a session or just selected individuals.
- All tickets must be stored in a secure location.
- Not until the day of testing should the tickets be provided to the test administrators.



Manage Test Sessions

- Assessment Coordinators have the ability to check sessions and student status.
- The review of session and student status assist with managing make-up sessions.
- Session exports provides rosters and statuses.



Student Logins

- Pausing and exiting the test
- Loss of Internet connectivity
- Ability to unlock student test tickets
- Wrong ticket or accommodation is used

Keep record of each extra login

Status Reports

- Cumulative Student Status Report
 - Shows student testing status, accommodations, and testing codes
- Excessive Login Report
 - Is a cumulative report showing the number of logins for each test ticket
- Daily Student Resets Report
 - Keeps record of each ticket unlocked

These are district level reports and access has been assigned to the District Assessment Coordinators.

Permission needed is Status Reports-District Reports

Collect materials

- Test Administrators must return all student login information and scratch paper to the School Assessment Coordinator.
- After testing is complete, all printed test tickets must be destroyed to ensure that secure data is not compromised.

For more information on PSSA Administration Training please visit PDE's website at www.education.state.pa.us

The mission of the department is to academically prepare children and adults to succeed as productive citizens. The department seeks to ensure that the technical support, resources and opportunities are in place for all students, whether children or adults, to receive a high quality education.

Additional contact information

PDE

Call 717.787.4234 or 717.705.2343

DRC PA CUSTOMER SERVICE

Data Recognition Corporation understands the intricacies involved with large scale assessments. Our customer service representatives are always ready and willing to help with any questions or problems. Our number is 1-800-451-7849 or email us at pacustomerservice@datarecognitioncorp.com

Questions?

The mission of the department is to academically prepare children and adults to succeed as productive citizens. The department seeks to ensure that the technical support, resources and opportunities are in place for all students, whether children or adults, to receive a high quality education.



Keystone Exams Assessment Coordinator Training

DRC Contact Information:

Toll free number: 1-800-451-7849

Email: pacustomerservice@datarecognitioncorp.com

PDE contact information

Phone number: 717-787-4234

or: 717-705-2343

Accountability

Any questions concerning accountability (SPP) reporting should be directed to the Department of Education's PDE Division of Performance Analysis and Reporting.

Email your questions to ra-pas@pa.gov

Agenda

- Introductions – PDE
- Policy – PDE
- Keystone Exams – PDE
- Planning for the Assessment – PDE
- Participation in the Assessment – PDE
- Administering the Assessment – PDE
- Monitoring - PDE
- Data Recognition Corporation General Information – DRC
- Paper/Pencil Administration – DRC
- Online Administration – DRC

General Overview

- [All policy decisions come from PDE](#)
- All Keystone Exam logistics are the responsibility of DRC and include:
 - ✓ Delivery of Paper Materials
 - ✓ eDIRECT System
 - ✓ Insight System (DRC's online test engine)

Policy

Federal accountability requirement

- Students are required to take the Keystone Exams at least one time prior to (or during) the spring administration of their grade 11 year. All student results are banked.
- Students who attempted the Winter Keystone Exams and did not score proficient or above are permitted to retake the Keystone Exams during the spring 2015 window.

[Chapter 4. Academic Standards and Assessment](#)

Policy

Graduation (state requirement)

The class of 2017 is the first class that will be required to demonstrate proficiency on the Algebra I, Literature, and Biology Keystone Exams to graduate.

[PA Code 4.24.High school graduation requirements](#)

Keystone Exams

- Information Guide
- Test Definitions
- Item and Scoring Samplers
- Scoring Guidelines (Handbook, Appendix G)

Additional Resources:

- [PDE Standards Aligned System \(SAS\) website; Keystone Exams](#)
- [DRC eDirect site](#)

Planning for the Assessment

- Paper or Online
 - Guidance Document for Online Testing
- Administration Materials
 - Handbook for Assessment Coordinators
 - Directions for Administration
- Resources
 - Getting Ready
 - Test Definitions
 - Item and Scoring Samplers
 - Anchors and Eligible Content

Planning for the Assessment

- Accommodations
 - Accommodations Guidelines
 - Guidelines for ELLs
- Calculators
 - Online Calculator Manual
 - Calculator Policy
- General Scoring Guidelines
- Calendars

Planning for the Assessment

- Part VII, Handbook for Assessment Coordinators
 - Scheduling the Exams
 - Parent/Guardian Notifications
 - Preparing Students
 - Preparing the Classroom
 - Extended Sessions
 - Make-Ups
 - Opt-Out (Appendix F)
 - Parent Information (Appendix A)
 - Student Prep (Appendix D)
 - Calculators (Appendix C)

Participation in the Assessment

- Part II – Handbook for Assessment Coordinators
 - Accommodations
 - ELLs
 - Non-Assessed Students
 - Miscellaneous
 - Withdrawal
 - Suspended/Expelled
 - Home Education

Participation in the Assessment

- Accommodations Guidelines
 - Read Aloud
 - Small groups
 - De-spiraling
 - Concussion
 - Broken Arm
 - Scribing
 - Unique Accommodations
 - Accommodations Section

Participation in the Assessment

English Language Learner (ELL) students are treated the same as every other student with the following exceptions:

- Participation in the Algebra I and Biology exams are mandatory.
- Participation in the Literature exam is optional for students in their first year of enrollment in a U.S. school.

Participation In the Assessment

Pennsylvania Alternate System of Assessment (PASA) Students

Eligible students in grade 11 will participate in the PASA for math, reading, and science instead of the Keystone Exams during the spring PASA window.

[Pennsylvania Alternate System of Assessment \(PASA\)](#); jmachella@pa.gov

Administering the Assessment

- Handbook for Assessment Coordinators, Part 1 and Appendices B thru E
 - Training
 - Roles and Responsibilities
 - Test Security
 - Chain of Custody
 - Common Violations
 - Potential Consequences for Violations
 - Cautions

Training

- District Assessment Coordinator
- School Assessment Coordinator
- Test Administrator/proctor
 - PSTAT
 - Go to www.pssatraining.com
 - Technical Support - Contact DRC at 844-734-1422 or pstat@datarecognitioncorp.com
- Other (General)
- Test Security Certification documents (Appendix E, Handbook for Assessment Coordinators)

Roles and Responsibilities

District Assessment Coordinator (DAC)

- Attend required PDE training
- Update eDIRECT accounts for district and school users
- Review all *Directions for Administration* (DFA) manuals, the *Handbook for Assessment Coordinators*, and *Online User Guides* (if testing online)
- Review your district's procedures for home-schooled students
- Review your district's policy for handling cyber charter school requests to test their students

Roles and Responsibilities

District Assessment Coordinator (DAC)

- Train school assessment coordinators
- Receive and inventory tests
- Distribute tests to school assessment coordinator(s)
- Collect tests from school assessment coordinator(s)
- Inventory, package, and return tests to DRC

Roles and Responsibilities

School Assessment Coordinator

- Attend training offered by DAC
- Update eDIRECT accounts for Test Administrators (if testing online)
- Review all *DFA's*, the *Handbook for Assessment Coordinators*, and *Online User Guides* (if testing online)
- Train Test Administrators and Proctors

Note: Test Administrators must be a member of the school/district staff (includes substitute teachers). No volunteers.

Roles and Responsibilities

School Assessment Coordinator (cont)

- Create testing schedule, including:
 - Be prepared for parental requests to view the test
Parental review must be done with a paper assessment booklet
 - Schedule small group setting(s)
 - Schedule extended time setting(s)
 - Assign test administrators for breaks and movement to other setting(s)
- Receive tests from District Assessment Coordinator (ship to district sites) or DRC (ship to school sites)

Roles and Responsibilities

School Assessment Coordinator (cont)

- Inventory tests for school, order additional materials if needed
- Create Test Sessions in eDIRECT (if testing online)
- Put labels on test booklets (Do not open test booklets while doing this!)
- Distribute tests to Test Administrators on the day and time scheduled for test administration

Roles and Responsibilities

School Assessment Coordinator (cont)

- Monitor testing sessions
- Collect tests from Test Administrators
- Make sure no prohibited materials are on the classroom or hallway walls
- Make sure tests are in a locked area with controlled and limited access
- Return all tests to District Assessment Coordinator (ship to district sites) or DRC (ship to school sites)

Roles and Responsibilities

School Assessment Coordinator (SAC)

As the School Assessment Coordinator, you are responsible for the security and proper administration of the PSSA

Roles and Responsibilities

Test Administrator

- Attend training led by School Assessment Coordinator
- Review all *DFA's* and *Online User Guides* (if testing online)
- Be familiar with all testing protocols, including the *Ethical Standards of Test Administration*
- Follow all testing protocols
- Sign the *Test Security Certification* statement
- Make sure students understand the *Code of Conduct for Test Takers*
- Make students familiar with testing procedures
- Answer any questions students may have about test directions

Roles and Responsibilities

Test Administrator (cont)

- Actively monitor the test session
- Maintain a calm, quiet environment during testing
- Collect test materials as soon as a student indicates he or she is finished
- Collect and return test books to the School Assessment Coordinator when testing is complete
- Report any suspected testing violations to the School Assessment Coordinator and to PDE
- **Note: Student teachers may be in the testing room but may **not** be test administrators or proctors.**

Test Security

PAsecureID List Distribution

- School assessment coordinators must generate a list(s) of students *by PAsecureID* to show all students taking the PSSA
- The list must include for each student the test administrator (TA) name, school, year, and subject being administered
- Student names should not be included on this list
- All lists must be retained at the district/school for three years and be available when requested by PDE

Test Security

- The assessments rely on the measurement of individual achievement. Any deviation from assessment procedures is strictly prohibited and will be considered a violation of test security
- School administrators, teachers, and any other education personnel who are involved in the assessment program must maintain the security of all assessment materials at all times
- Because the assessment must remain secure, teachers/Test Administrators should not have assessment materials in their possession at any time other than during the actual assessment administration

Test Security

Test Security Certifications

- The Test Security Certifications must be signed after the assessments are administered
 - District Assessment Coordinator (DAC), School Assessment Coordinator (SAC) and Principal, Test Administrator (TA) and Proctor (if applicable)
 - Provided in Appendix E of *Handbook for Assessment Coordinators*
- All other individuals handling secure materials MUST have a signed General Test Security Certification on file
- The chief school administrator must retain all certifications for three years
- DO NOT return these forms to DRC

Test Security

Test Security Certifications

- If an individual does not sign the appropriate Test Security Certification, the chief school administrator must provide the PDE's Bureau of Curriculum, Assessment and Instruction with a written explanation of the reason or reasons why the certification was not executed. The explanation must provide a description of the action taken by the chief school administrator in response to the failure to execute the Test Security Certification

Chain of Custody

- Tests must be secured and accounted for at all times
- District Assessment Coordinators must inventory the tests as soon as they arrive in the district and keep them in a locked storage area that has limited access
- School Assessment Coordinators must inventory the tests as soon as they arrive in the school and keep them in a locked storage area that has limited access

Chain of Custody (cont)

- When distributing tests to or collecting tests from Test Administrators, the tests should be counted by the School Assessment Coordinator and/or designee(s) in the presence of the Test Administrators
 - PDE recommends the use of a sign-off sheet.
- Tests must be collected by the School Assessment Coordinator as soon as a testing session is completed

Chain of Custody (cont)

- Tests must be stored in a locked storage area
- Only people who require access to the tests should have a key to the storage area
- Samples of the test booklets are **NOT** to be furnished to the Test Administrators as part of the training
- Test Administrators must **NOT** receive any test booklets until the test is to be administered

Common Violations

The following are examples of testing violations. This is **NOT** an exhaustive list.

- Misuse of accommodations (e.g., reading the math test to the entire class; reading aloud the reading test)
- “Under” proctoring (e.g., inadequately monitoring the testing session)
- “Over” proctoring (e.g., reminding a student without the appropriate accommodation to answer a specific question)

Common Violations (cont)

- Changing answers or encouraging students to change their answers
- Discussing the test or test questions with individual students
- Reading aloud a math question or answer choice when doing so cues the correct answer
- Not removing or covering instructional materials in the testing room or the hallways
- Allowing students to possess cell phones during testing

Common Violations (cont)

- Giving reminders to individual students or to the entire class (e.g., "Remember, we covered this last week")
- Allowing students to have devices in the testing room that take pictures
- Copying or recording any part of the secure test materials
- Viewing secure test material by teachers, proctors, administrators, etc.
- Returning test materials to students to complete or enhance answers

Potential Consequences of Testing Violations For Educators

- Verbal reprimand
- Written reprimand
- Suspension with or without pay
- Termination
- Revocation of certification
- Criminal charges

Potential Consequences of Testing Violations For Students

- "Do Not Score" label will be placed on the student's answer booklet and the student must retake the exam during the same administration testing window in order to receive a score
- Other consequences for students violating test security are up to the individual LEA
- Students should be made aware of all consequences prior to testing
- ALL test security violations by students must be reported to PDE immediately

Cautions!

- Do actively proctor the test but do not over proctor
- Do encourage the class to check their answers but do not encourage specific students to check their answers
- Do report all prohibited actions
- Do not review student test or answer booklets (except as stated in the Administration Manual and the Accommodations Guidelines).
- Do not provide answers to students.
- Do cover all materials on the walls that relate to tested content, including motivational posters.
- Do ensure students sitting next to each other have different test form numbers.

Cautions!

- Do not assist, direct, or counsel students during the administration of the test in any way that would influence student answers
- Do not alter, influence, or interfere with a test response in any way, fill in any unanswered item, or instruct a student to do so.
- Do not discuss or provide feedback regarding test items.
- Do not direct students to use the answer sheet as scratch paper or as a method to eliminate incorrect answer options.
- Do not allow students to do work in tested subjects when they finish.

Monitoring

- Types
 - Data forensics
 - On-site visits (unannounced)
 - Remote monitoring system
- Documentation

Questions? – crweller@pa.gov

Data Forensics

Examples of data available to PDE

- Student erasures
- How long it takes a student to answer an item when taking the test on a computer
- When answers are changed and how often they are changed on a computer
- Statistical analyses of student scores and performance

Documentation

- Documents (not an exhaustive list)
 - Training agendas and sign-in sheets
 - Master Test Schedule, including small group rosters
 - Make-up Test Schedule
 - PASecureID List Distribution with TAs/Proctors
 - Written procedure for handling breaks/disruptions
 - Written school/district specific procedures for parents to view the test
 - Parental Opt-out Request Letters
 - Test Security Certification Statements from previous year
 - PSTAT Certificates
 - Sign-in/Sign-out sheet for test distribution

Contact Information

To report suspected violations, contact PDE at 717.787.4234

Additional Test Security Contact Information

Jay Gift: 717.783.1144 or rgift@pa.gov

Kerry Helm: 717.783.6538 or khelm@pa.gov

Charlie Wayne: 717.783.0358 or cwayne@pa.gov

DRC General Information

DRC General Information

2015 Spring Keystone testing window is May 13 – 27.

NOTE: Make-ups can occur anytime during the PDE-established window.

Materials should be returned when the majority of the population has completed an assessment.

Ensure that early returns do not include booklets for students who need a make-up session.

DRC General Information

Description	Date Available
PA Online Assessment Software and Test Tutorials	Currently Available
PA eDIRECT Test Setup System	Currently Available
Handbook and User Guides (PDFs on eDIRECT)	Currently Available
Handbook and DFA Hardcopies Delivered	Already Delivered
Secure Materials Delivered	By April 29, 2015
Spring Testing Window	May 13 – 27, 2015
All Materials out of schools	No later than June 1, 2015
Spring Keystone Corrections Window	June 22-24, 2015
Spring Keystone Data files delivered	July 8, 2015

DRC General Information

If a student begins a test but is completely removed from the school's enrollments:

- Paper pencil testers – If at least one module is complete, return the booklet as is. If neither module is complete, place a "Do Not Score" label on top of the student label on the booklet.
- Online testers – Send an email with student information (PAsecureID and School Code) and an explanation to pacustomerservice@datarecognitioncorp.com.

Paper/Pencil Administration

Materials Receipt Notice

- Notice of secure material receipt **MUST** be provided via eDIRECT
- Permissions have been granted to District Assessment Coordinators
- District Assessment Coordinators can provide permissions to School Assessment Coordinators

The Materials Receipt Notice must be completed in eDIRECT for every site that receives materials directly from DRC.

School Assessment Coordinator accounts in eDIRECT are established by the District Assessment Coordinator.

Accommodated Materials

- Accommodated assessments are available in Braille and Large Print versions
 - All student responses from accommodated assessments must be transcribed into a scannable answer booklet
- A Spanish-translation version of the Algebra I and Biology exams are available

Additional Materials

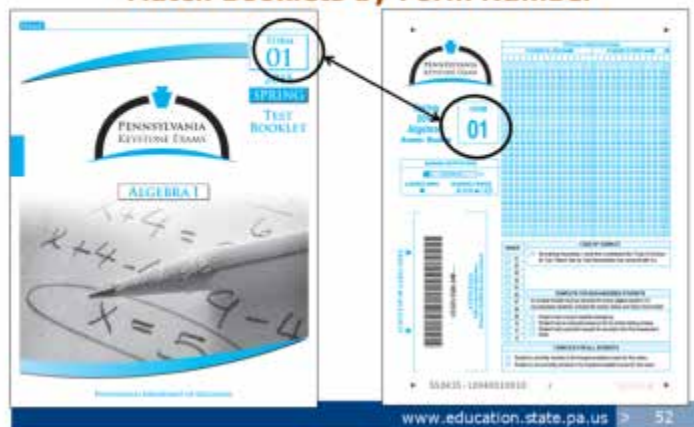
- Inventory/account for all materials as soon as possible
- Additional materials should be requested AFTER material has been received and counts have been verified
- All orders will be placed through eDIRECT, which will be available by April 29, 2015
- Order additional materials as soon as possible

Additional large print and Spanish-translation booklets must be ordered through eDIRECT.

Contact DRC Customer Service for additional Braille booklets.

Additional Materials Requests will be processed after the initial shipment of secure materials.

Match Booklets by Form Number



Barcode Labels

- Answer booklets returned to DRC for processing must have a label attached. The only answer booklets that should **NOT** have labels attached are booklets that are unused and **COMPLETELY** blank.
- For all students, the Enrolled In Course bubble on page 1 needs to be completed

The form numbers on the test and answer booklet **MUST** match to ensure accurate scoring of student responses.

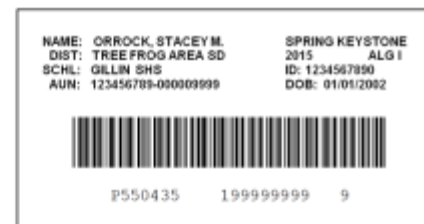
It is important one of these bubbles is marked for each student because the information is used for PVAAS calculations.



Barcode Labels

STUDENT PRECODE LABELS

Student Precode Labels contain student demographic information as reported in eDIRECT. If a student withdraws or transfers prior to the start of the testing window, discard student label.



DO NOT return a used answer booklet to DRC without a barcode label affixed to the front cover.

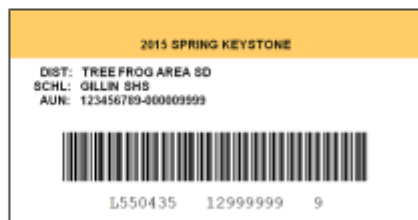
Precode labels for students no longer enrolled in your school should be destroyed.

DRC cannot update a student's record with new PIMS data if the name or PAsecureID printed on the precode label is different than the information in PIMS during the testing window.

Barcode Labels

DISTRICT/SCHOOL LABELS

District/School Labels contain district and school specific information only. These labels must be used when Student Precode Labels are not used.



Barcode Labels

DISTRICT/SCHOOL LABELS (cont)

When using District/School Labels, the student's name, birth date, and PAsecureID must be bubbled **exactly** as it appears in your school's student information system.



When using District/School Labels, the front cover and all applicable items on page 2 of the answer booklets must be hand-bubbled.

A student's name, PAsecureID, and birth date must be bubbled on the answer booklet exactly as it appears in PIMS in order to match the student to the PIMS file for reporting.

Materials Accountability Form

- Available electronically via the eDIRECT website
- Inventory all materials to be returned to DRC
- Document discrepancies in the online form
- Form can be accessed and updated throughout the testing window
- Updates should be made by June 5, 2015

Return instructions for answer booklets

- Answer booklets must be sealed in bags and packed in boxes for return to DRC. Use appropriate packing material to fill empty space.



Every testing site is responsible for completing their Materials Accountability Form via eDIRECT.

The Materials Accountability Form is your tool for notifying DRC of discrepancies in the receipt or return of secure materials.

Remember that all answer booklets (used and unused) should be boxed separately from test booklets.

Return instructions for answer booklets



Return instructions for test booklets and unopened packages.

- Do not need to be bagged. Can be placed directly into box.
- Use appropriate packing material for filler.



Use the box-flaps labeled A and B to affix the appropriate Return Shipment labels.

Test booklets and unopened packages (shrink-wrapped packs) do not need to go into a plastic bag.

Return instructions for test booklets and unopened packages.



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Return instructions

Material pick-up

If you do not have a regularly scheduled UPS pick-up or delivery, call UPS at 866.857.1501 to arrange a pick up at least 24 hours prior to your requested pick-up

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Follow the same labeling and sealing procedures for the boxes of test booklets.

All booklets must be shipped by June 1, 2015.

Special note

- Keep a copy of the UPS-RS tracking numbers used
- If DRC has questions about a district's assessment materials, we make follow-up phone calls after the testing window has closed
- It is important to return these calls as soon as possible in order ensure fast and accurate reporting and to keep your schools off the missing materials report sent to PDE

www.education.state.pa.us > 68

Online Administration

www.education.state.pa.us > 69

Make sure that school personnel answering phones know who is responsible for handling PSSA questions from DRC.

System Overview

- Internet connectivity is required for testing
- The PA Online Assessment software must be installed on all computers to be used for testing
- iPADS and Chromebooks are allowable devices
- Student responses are regularly saved to DRC servers throughout testing
- A Testing Site Manager (TSM) is recommended

The Online Process

1. Technology
 - Install all required software
2. Prepare the Students
 - Tutorials and Online Tools Training (OTT)
3. Manage Students
 - Verify, add, and update student information
 - Create test sessions
 - Print test tickets
4. Administer the Assessments
 - Actively monitor
 - Unlock tickets

Technology

- All required software is available for download from eDIRECT



Prepare the students - PA Online Assessment Tutorials

The online tutorials are videos that demonstrate how to use the DRC Insight test engine.

- Prior to online testing, ensure students view the video tutorials for the applicable subject(s)
- Allow a minimum of 20 minutes for viewing

Technology User Guide can be found on eDIRECT under General Information/Documents



Prepare the students - Online Tools Training

- Students can practice using the online tools and become familiar with functionality of the software
- Schedule time for students to take the Online Tools Training (OTT) prior to testing
 - One OTT for each subject
 - Allow 15 minutes to take a single OTT
- District Assessment Coordinators, School Assessment Coordinators, and Test Administrators should use the OTT prior to administering an assessment

PA Tutorials can be found on eDIRECT under Test Setup/General Information. Also the tutorials are downloaded with the testing software.

The Online Tools Trainings (OTTs) are downloaded with the test engine software.

The OTTs provide hands-on experience of the tools including online accommodations.

Prepare the Students - Online Tools Training

- Access by double-clicking PA Online Assessments icon on computer desktop
- Then choose Online tools Training
- Then follow the directions above the login area



Manage Students - Verify student data

- Student data received from a PIMS file cannot be updated in eDIRECT
- If a student is not listed in eDIRECT, the student must be added to the system

Audio, Color Chooser, and Contrasting Text Chooser accommodations can be accessed through the Online Tools Training. "Audio" or "color" must be added after the username.

If the student's name, PAsecureID, or birthdate is incorrect, do not add the incorrect record to the test session. A new record must be uploaded to eDIRECT. If any other demographic information is incorrect, the record can be used. Make sure PIMS is updated so the correct demographic information is provided to DRC.

Administer the Assessments

- Actively monitor student testing
- Monitor and record student logins
 - Pausing and accidentally exiting the test
 - Loss of Internet connectivity
 - Student needs extended time
- Ability to unlock student test tickets
 - Wrong ticket is used
 - Student goes home ill before completing online assessment

Keep a record of each extra login

Administer the Assessments - Status Reports

- Cumulative Student Status Report
 - Shows student testing status, accommodations, and testing codes
- Excessive Login Report
 - Is a cumulative report showing the number of logins for each test ticket
- Daily Student Resets Report
 - Keeps record of each ticket unlocked

These are district level reports and access has been assigned to the District Assessment Coordinators.

Permission needed is Status Reports-District Reports

Administer the Assessments - Collect materials

- Test Administrators must return all student login information and scratch paper to the School Assessment Coordinator
- After testing is complete, School Assessment Coordinators must destroy the documents to ensure that secure data is not compromised
- Test Tickets should be handled similar to secure testing materials

Additional contact information

PDE
Call 717.787.4234 or 717.705.2343

DRC CUSTOMER SERVICE
Call 1-800-451-7849
or email
pacustomerservice@datarecognitioncorp.com

Appendix G: Materials List

PSSA - DRC Proposed Materials List

Contract Year	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 2	ELA Field Test Grade 8 Test Administration manual	1	1,920	1,920	N/A	N/A	40	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 3 Test Administration manual	1	1,920	1,920	N/A	N/A	40	turquoise	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 4 Test Administration manual	1	1,920	1,920	N/A	N/A	40	purple	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 5 Test Administration manual	1	1,920	1,920	N/A	N/A	40	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 6 Test Administration manual	1	1,920	1,920	N/A	N/A	40	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 7 Test Administration manual	1	1,920	1,920	N/A	N/A	40	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Math Field Test Grade 8 Test Administration manual	1	1,920	1,920	N/A	N/A	40	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink, Jet or other	Packaging or Shrinkwrapping with range sheet
2016-17 Year 2 -- 25% online testers																			
Year 2	Winter	Algebra I Test Booklet	3	30,800	92,400	84,000	112,000	40	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Algebra I Answer Booklet	3	30,800	92,400	84,000	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Biology Test Booklet	3	30,800	92,400	84,000	112,000	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Biology Answer Booklet	3	30,800	92,400	84,000	112,000	28	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Literature Test Booklet	3	30,800	92,400	84,000	112,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Literature Answer Booklet	3	30,800	92,400	84,000	112,000	20	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Winter	Spanish Algebra I Test Booklet	1	1,346	1,346	1,346	1,346	72	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Spanish Algebra I Answer Booklet	1	1,346	1,346	1,346	1,346	52	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Spanish Biology Test Booklet	1	1,075	1,075	1,075	1,075	88	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Spanish Biology Answer Booklet	1	1,075	1,075	1,075	1,075	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Algebra I Test Booklet	1	148	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Algebra I Answer Booklet	1	148	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Biology Test Booklet	1	131	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Biology Answer Booklet	1	131	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Literature Test Booklet	1	115	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Large Print Literature Answer Booklet	1	115	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Winter	Braille Algebra I Contracted Booklet	1	12	12	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Winter	Braille Biology Contracted Booklet	1	11	11	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Winter	Braille Literature Contracted Booklet	1	11	11	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Winter	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 2	Winter	Algebra I DFA	1	6,160	6,160	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Winter	Biology DFA	1	6,160	6,160	N/A	N/A	32	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Winter	Literature DFA	1	6,160	6,160	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Winter	Algebra I Online DFA	1	1,867	1,867	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Winter	Biology Online DFA	1	1,867	1,867	N/A	N/A	44	brown	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Winter	Literature Online DFA	1	1,867	1,867	N/A	N/A	44	rust	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Winter	Algebra I Spanish DFA	1	365	365	N/A	N/A	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Winter	Biology Spanish DFA	1	306	306	N/A	N/A	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Winter	Individual Student Reports	1	672,000	672,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 2	Spring	Algebra I Test Booklet	20	6,353	127,050	115,500	154,000	40	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Algebra I Answer Booklet	20	6,353	127,050	115,500	154,000	28	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Biology Test Booklet	20	6,353	127,050	115,500	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Biology Answer Booklet	20	6,353	127,050	115,500	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Literature Test Booklet	20	6,353	127,050	115,500	154,000	48	purple	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Literature Answer Booklet	20	6,353	127,050	115,500	154,000	20	purple	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Spanish Algebra I Test Booklet	1	1,876	1,876	1,876	1,876	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Spanish Algebra I Answer Booklet	1	1,876	1,876	1,876	1,876	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Spanish Biology Test Booklet	1	1,600	1,600	1,600	1,600	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Spanish Biology Answer Booklet	1	1,600	1,600	1,600	1,600	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Algebra I Test Booklet	1	203	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Algebra I Answer Booklet	1	203	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Biology Test Booklet	1	181	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Biology Answer Booklet	1	181	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Literature Test Booklet	1	158	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print Literature Answer Booklet	1	158	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Braille Algebra I Contracted Booklet	1	16	16	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Spring	Braille Biology Contracted Booklet	1	16	16	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Spring	Braille Literature Contracted Booklet	1	16	16	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Spring	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 2	Spring	Algebra I DFA	1	8,470	8,470	N/A	N/A	32	red	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Spring	Biology DFA	1	8,470	8,470	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Spring	Literature DFA	1	8,470	8,470	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Spring	Algebra I Online DFA	1	2,567	2,567	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Spring	Biology Online DFA	1	2,567	2,567	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Spring	Literature Online DFA	1	2,567	2,567	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Spring	Algebra I Spanish DFA	1	517	517	N/A	N/A	48	red	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Spring	Biology Spanish DFA	1	449	449	N/A	N/A	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Spring	Individual Student Reports	1	924,000	924,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 2	Spring	English Comp Test Booklet	1	127,050	127,050	115,500	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	English Comp Answer Booklet	1	127,050	127,050	115,500	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Spring	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Spring	Braille																	

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 2	Summer	Algebra I Test Booklet	3	3,850	11,550	10,500	14,000	40	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Algebra I Answer Booklet	3	3,850	11,550	10,500	14,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Biology Test Booklet	3	3,850	11,550	10,500	14,000	48	brown	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Biology Answer Booklet	3	3,850	11,550	10,500	14,000	28	brown	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Literature Test Booklet	3	3,850	11,550	10,500	14,000	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Literature Answer Booklet	3	3,850	11,550	10,500	14,000	20	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 2	Summer	Spanish Algebra I Test Booklet	1	49	49	49	49	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Spanish Algebra I Answer Booklet	1	49	49	49	49	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Spanish Biology Test Booklet	1	39	39	39	39	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Spanish Biology Answer Booklet	1	39	39	39	39	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Algebra I Test Booklet	1	18	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Algebra I Answer Booklet	1	18	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Biology Test Booklet	1	16	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Biology Answer Booklet	1	16	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Literature Test Booklet	1	16	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Large Print Literature Answer Booklet	1	16	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 2	Summer	Braille Algebra I Contracted Booklet	1	1	1	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Summer	Braille Biology Contracted Booklet	1	1	1	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Summer	Braille Literature Contracted Booklet	1	1	1	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 2	Summer	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 2	Summer	Algebra I DFA	1	770	770	N/A	N/A	32	red	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Summer	Biology DFA	1	770	770	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Summer	Literature DFA	1	770	770	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 2	Summer	Algebra I Online DFA	1	234	234	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Summer	Biology Online DFA	1	234	234	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Summer	Literature Online DFA	1	234	234	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Summer	Algebra I Spanish DFA	1	21	21	N/A	N/A	48	red	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Summer	Biology Spanish DFA	1	18	18	N/A	N/A	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 2	Summer	Individual Student Reports	1	84,000	84,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
2017-18 Year 3 -- 30% online testers																			
Year 3	Winter	Algebra I Test Booklet	3	28,747	86,240	78,400	112,000	40	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Algebra I Answer Booklet	3	28,747	86,240	78,400	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Biology Test Booklet	3	28,747	86,240	78,400	112,000	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Biology Answer Booklet	3	28,747	86,240	78,400	112,000	28	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Literature Test Booklet	3	28,747	86,240	78,400	112,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Literature Answer Booklet	3	28,747	86,240	78,400	112,000	20	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Spanish Algebra I Test Booklet	1	1,346	1,346	1,346	1,346	72	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Spanish Algebra I Answer Booklet	1	1,346	1,346	1,346	1,346	52	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Spanish Biology Test Booklet	1	1,075	1,075	1,075	1,075	88	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Spanish Biology Answer Booklet	1	1,075	1,075	1,075	1,075	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Algebra I Test Booklet	1	148	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Algebra I Answer Booklet	1	148	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Biology Test Booklet	1	131	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Biology Answer Booklet	1	131	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Literature Test Booklet	1	115	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print Literature Answer Booklet	1	115	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Braille Algebra I Contracted Booklet	1	12	12	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Winter	Braille Biology Contracted Booklet	1	11	11	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Winter	Braille Literature Contracted Booklet	1	11	11	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Winter	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Winter	Algebra I DFA	1	5,750	5,750	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Winter	Biology DFA	1	5,750	5,750	N/A	N/A	32	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Winter	Literature DFA	1	5,750	5,750	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Winter	Algebra I Online DFA	1	2,240	2,240	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Biology Online DFA	1	2,240	2,240	N/A	N/A	44	brown	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Literature Online DFA	1	2,240	2,240	N/A	N/A	44	rust	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Algebra I Spanish DFA	1	365	365	N/A	N/A	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Biology Spanish DFA	1	306	306	N/A	N/A	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Individual Student Reports	1	672,000	672,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Winter	English Comp Test Booklet	1	119,110	86,240	78,400	112,000	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	English Comp Answer Booklet	1	119,110	86,240	78,400	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Winter	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Winter	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Winter	English Comp DFA	1	7,941	5,749	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Winter	English Comp Online DFA	1	2,407	2,240	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Spring	Algebra I Test Booklet	20	5,929	118,580	107,800	154,000	40	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Algebra I Answer Booklet	20	5,929	118,580	107,800	154,000	28	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Biology Test Booklet	20	5,929	118,580	107,800	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Biology Answer Booklet	20	5,929	118,580	107,800	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Literature Test Booklet	20	5,929	118,580	107,800	154,000	48	purple	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Literature Answer Booklet	20	5,929	118,580	107,800	154,000	20	purple	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Spring	Spanish Algebra I Test Booklet	1	1,876	1,876	1,876	1,876	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Spanish Algebra I Answer Booklet	1	1,876	1,876	1,876	1,876	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Spanish Biology Test Booklet	1	1,600	1,600	1,600	1,600	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Spanish Biology Answer Booklet	1	1,600	1,600	1,600	1,600	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Algebra I Test Booklet	1	203	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Algebra I Answer Booklet	1	203	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Biology Test Booklet	1	181	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Biology Answer Booklet	1	181	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Literature Test Booklet	1	158	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Large Print Literature Answer Booklet	1	158	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Spring	Braille Algebra I Contracted Booklet	1	16	16	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Spring	Braille Biology Contracted Booklet	1	16	16	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Spring	Braille Literature Contracted Booklet	1	16	16	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Spring	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Spring	Algebra I DFA	1	7,906	7,906	N/A	N/A	32	red	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Spring	Biology DFA	1	7,906	7,906	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Spring	Literature DFA	1	7,906	7,906	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Spring	Algebra I Online DFA	1	3,080	3,080	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Spring	Biology Online DFA	1	3,080	3,080	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Spring	Literature Online DFA																	

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 3	Spring	Civics & Government Online DFA	1	3,080	3,080	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Spring	Individual Student Reports	1	308,000	308,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Summer	Algebra I Test Booklet	3	3,594	10,780	9,800	14,000	40	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Algebra I Answer Booklet	3	3,594	10,780	9,800	14,000	28	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Biology Test Booklet	3	3,594	10,780	9,800	14,000	48	brown	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Biology Answer Booklet	3	3,594	10,780	9,800	14,000	28	brown	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Literature Test Booklet	3	3,594	10,780	9,800	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Literature Answer Booklet	3	3,594	10,780	9,800	14,000	20	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Spanish Algebra I Test Booklet	1	49	49	49	49	72	red	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Spanish Algebra I Answer Booklet	1	49	49	49	49	52	red	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Spanish Biology Test Booklet	1	39	39	39	39	88	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Spanish Biology Answer Booklet	1	39	39	39	39	44	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Algebra I Test Booklet	1	18	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Algebra I Answer Booklet	1	18	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Biology Test Booklet	1	16	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Biology Answer Booklet	1	16	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Literature Test Booklet	1	16	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print Literature Answer Booklet	1	16	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Braille Algebra I Contracted Booklet	1	1	1	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Summer	Braille Biology Contracted Booklet	1	1	1	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Summer	Braille Literature Contracted Booklet	1	1	1	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Summer	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Summer	Algebra I DFA	1	719	719	N/A	N/A	32	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Summer	Biology DFA	1	719	719	N/A	N/A	32	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Summer	Literature DFA	1	719	719	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Summer	Algebra I Online DFA	1	280	280	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Biology Online DFA	1	280	280	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Literature Online DFA	1	280	280	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Algebra I Spanish DFA	1	21	21	N/A	N/A	48	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Biology Spanish DFA	1	18	18	N/A	N/A	48	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Individual Student Reports	1	84,000	84,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 3	Summer	English Comp Test Booklet	1	10,780	10,780	9,800	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	English Comp Answer Booklet	1	10,780	10,780	9,800	14,000	28	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 3	Summer	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 3	Summer	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 3	Summer	English Comp DFA	1	719	719	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 3	Summer	English Comp Online DFA	1	280	280	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 3	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
2018-19 Year 4 -- 35% online testers																			
Year 4	Winter	Algebra I Test Booklet	3	26,694	80,080	72,800	112,000	40	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Algebra I Answer Booklet	3	26,694	80,080	72,800	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Biology Test Booklet	3	26,694	80,080	72,800	112,000	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Biology Answer Booklet	3	26,694	80,080	72,800	112,000	28	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Literature Test Booklet	3	26,694	80,080	72,800	112,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Literature Answer Booklet	3	26,694	80,080	72,800	112,000	20	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Spanish Algebra I Test Booklet	1	1,346	1,346	1,346	1,346	72	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Spanish Algebra I Answer Booklet	1	1,346	1,346	1,346	1,346	52	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Spanish Biology Test Booklet	1	1,075	1,075	1,075	1,075	88	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Spanish Biology Answer Booklet	1	1,075	1,075	1,075	1,075	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Algebra I Test Booklet	1	148	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Algebra I Answer Booklet	1	148	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Biology Test Booklet	1	131	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Biology Answer Booklet	1	131	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Literature Test Booklet	1	115	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Literature Answer Booklet	1	115	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Braille Algebra I Contracted Booklet	1	12	12	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Winter	Braille Biology Contracted Booklet	1	11	11	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Winter	Braille Literature Contracted Booklet	1	11	11	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Winter	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Winter	Algebra I DFA	1	5,339	5,339	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Winter	Biology DFA	1	5,339	5,339	N/A	N/A	32	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Winter	Literature DFA	1	5,339	5,339	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Winter	Algebra I Online DFA	1	2,614	2,614	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Biology Online DFA	1	2,614	2,614	N/A	N/A	44	brown	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Literature Online DFA	1	2,614	2,614	N/A	N/A	44	rust	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Algebra I Spanish DFA	1	365	365	N/A	N/A	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Biology Spanish DFA	1	306	306	N/A	N/A	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Individual Student Reports	1	672,000	672,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Winter	English Comp Test Booklet	1	80,080	80,080	72,800	112,000	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	English Comp Answer Booklet	1	80,080	80,080	72,800	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Winter	English Comp DFA	1	5,339	5,339	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Winter	English Comp Online DFA	1	2,614	2,614	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Winter	Civics & Government Test Booklet	3	26,693	80,080	72,800	112,000	48	gold	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Civics & Government Answer Booklet	3	26,693	80,080	72,800	112,000	28	gold	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Winter	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Winter	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Winter	Civics & Government DFA	1	5,339	5,339	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Winter	Civics & Government Online DFA	1	2,614	2,614	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Spring	Algebra I Test Booklet	20	5,506	110,110	100,100	154,000	40	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Algebra I Answer Booklet	20	5,506	110,110	100,100	154,000	28	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Biology Test Booklet	20	5,506	110,110	100,100	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Biology Answer Booklet	20	5,506	110,110	100,100	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Literature Test Booklet	20	5,506	110,110	100,100	154,000	48	purple	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Literature Answer Booklet	20	5,506	110,110	100,100	154,000	20	purple	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Spanish Algebra I Test Booklet	1	1,876	1,876	1,876	1,876	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Spanish Algebra I Answer Booklet	1	1,876	1,876	1,876	1,876	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Spanish Biology Test Booklet	1	1,600	1,600	1,600	1,600	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Spanish Biology Answer Booklet	1	1,600	1,600	1,600	1,600	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Algebra I Test Booklet	1	203	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Algebra I Answer Booklet	1	203	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Biology Test Booklet	1	181	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Biology Answer Booklet	1	181	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Literature Test Booklet	1	158	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Literature Answer Booklet	1	158	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Braille Algebra I Contracted Booklet	1	16	16	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No		

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 4	Spring	Civics & Government Answer Booklet	20	5,506	110,110	100,100	154,000	28	gold	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Spring	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Spring	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Spring	Civics & Government DFA	1	7,341	7,341	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Spring	Civics & Government Online DFA	1	3,594	3,594	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Spring	Individual Student Reports	1	308,000	308,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Summer	Algebra I Test Booklet	3	3,337	10,010	9,100	14,000	40	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Algebra I Answer Booklet	3	3,337	10,010	9,100	14,000	28	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Biology Test Booklet	3	3,337	10,010	9,100	14,000	48	brown	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Biology Answer Booklet	3	3,337	10,010	9,100	14,000	28	brown	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Literature Test Booklet	3	3,337	10,010	9,100	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Literature Answer Booklet	3	3,337	10,010	9,100	14,000	20	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Spanish Algebra I Test Booklet	1	49	49	49	49	72	red	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Spanish Algebra I Answer Booklet	1	49	49	49	49	52	red	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Spanish Biology Test Booklet	1	39	39	39	39	88	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Spanish Biology Answer Booklet	1	39	39	39	39	44	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Algebra I Test Booklet	1	18	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Algebra I Answer Booklet	1	18	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Biology Test Booklet	1	16	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Biology Answer Booklet	1	16	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Literature Test Booklet	1	16	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Literature Answer Booklet	1	16	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Braille Algebra I Contracted Booklet	1	1	1	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Summer	Braille Biology Contracted Booklet	1	1	1	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Summer	Braille Literature Contracted Booklet	1	1	1	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Summer	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Summer	Algebra I DFA	1	668	668	N/A	N/A	32	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Summer	Biology DFA	1	668	668	N/A	N/A	32	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Summer	Literature DFA	1	668	668	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Summer	Algebra I Online DFA	1	327	327	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Biology Online DFA	1	327	327	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Literature Online DFA	1	327	327	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Algebra I Spanish DFA	1	21	21	N/A	N/A	48	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Biology Spanish DFA	1	18	18	N/A	N/A	48	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Individual Student Reports	1	84,000	84,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Summer	English Comp Test Booklet	1	10,010	10,010	9,100	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	English Comp Answer Booklet	1	10,010	10,010	9,100	14,000	28	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Summer	English Comp DFA	1	667	667	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Summer	English Comp Online DFA	1	327	327	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 4	Summer	Civics & Government Test Booklet	3	3,337	10,010	9,100	14,000	48	gold	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Civics & Government Answer Booklet	3	3,337	10,010	9,100	14,000	28	gold	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 4	Summer	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 4	Summer	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 4	Summer	Civics & Government DFA	1	667	667	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 4	Summer	Civics & Government Online DFA	1	327	327	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 4	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
2019-20 Year 5 -- 40% online testers																			
Year 5	Winter	Algebra I Test Booklet	3	24,640	73,920	67,200	112,000	40	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Algebra I Answer Booklet	3	24,640	73,920	67,200	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Biology Test Booklet	3	24,640	73,920	67,200	112,000	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Biology Answer Booklet	3	24,640	73,920	67,200	112,000	28	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Literature Test Booklet	3	24,640	73,920	67,200	112,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Literature Answer Booklet	3	24,640	73,920	67,200	112,000	20	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Spanish Algebra I Test Booklet	1	1,346	1,346	1,346	1,346	72	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Spanish Algebra I Answer Booklet	1	1,346	1,346	1,346	1,346	52	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Spanish Biology Test Booklet	1	1,075	1,075	1,075	1,075	88	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Spanish Biology Answer Booklet	1	1,075	1,075	1,075	1,075	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Algebra I Test Booklet	1	148	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Algebra I Answer Booklet	1	148	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Biology Test Booklet	1	131	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Biology Answer Booklet	1	131	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Literature Test Booklet	1	115	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Literature Answer Booklet	1	115	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Braille Algebra I Contracted Booklet	1	12	12	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Winter	Braille Biology Contracted Booklet	1	11	11	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Winter	Braille Literature Contracted Booklet	1	11	11	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Winter	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Winter	Algebra I DFA	1	4,928	4,928	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Winter	Biology DFA	1	4,928	4,928	N/A	N/A	32	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Winter	Literature DFA	1	4,928	4,928	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Winter	Algebra I Online DFA	1	2,987	2,987	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Biology Online DFA	1	2,987	2,987	N/A	N/A	44	brown	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Literature Online DFA	1	2,987	2,987	N/A	N/A	44	rust	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Algebra I Spanish DFA	1	365	365	N/A	N/A	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Biology Spanish DFA	1	306	306	N/A	N/A	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Individual Student Reports	1	672,000	672,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Winter	English Comp Test Booklet	1	73,920	73,920	67,200	112,000	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	English Comp Answer Booklet	1	73,920	73,920	67,200	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Winter	English Comp DFA	1	4,928	4,928	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Winter	English Comp Online DFA	1	2,987	2,987	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Winter	Civics & Government Test Booklet	3	24,640	73,920	67,200	112,000	48	gold	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Civics & Government Answer Booklet	3	24,640	73,920	67,200	112,000	28	gold	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Winter	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Winter	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Winter	Civics & Government DFA	1	4,928	4,928	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Winter	Civics & Government Online DFA	1	2,987	2,987	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Spring	Algebra I Test Booklet	20	5,082	101,640	92,400	154,000	40	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Algebra I Answer Booklet	20	5,082	101,640	92,400	154,000	28	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Biology Test Booklet	20	5,082	101,640	92,400	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Biology Answer Booklet	20	5,082	101,640	92,400	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Literature Test Booklet	20	5,082	101,640	92,400	154,000	48	purple	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Literature Answer Booklet	20	5,082	101,640	92,400	154,000	20	purple	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Spring	Spanish Algebra I Test Booklet	1	1,876	1,876	1,876	1,876	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Spanish Algebra I Answer Booklet	1	1,876	1,876	1,876	1,876	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Spanish Biology Test Booklet	1	1,600	1,600	1,600	1,600	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Spanish Biology Answer Booklet	1	1,600	1,600	1,600	1,600	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Algebra I Test Booklet	1	203	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Algebra I Answer Booklet	1	203	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Biology Test Booklet	1	181	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Biology Answer Booklet	1	181	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Literature Test Booklet	1	158	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Literature Answer Booklet	1	158	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Braille Algebra I Contracted Booklet	1	16	16	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 5	Spring	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Spring	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Spring	Civics & Government DFA	1	6,776	6,776	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Spring	Civics & Government Online DFA	1	4,107	4,107	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Spring	Individual Student Reports	1	308,000	308,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Summer	Algebra I Test Booklet	3	3,080	9,240	8,400	14,000	40	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Algebra I Answer Booklet	3	3,080	9,240	8,400	14,000	28	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Biology Test Booklet	3	3,080	9,240	8,400	14,000	48	brown	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Biology Answer Booklet	3	3,080	9,240	8,400	14,000	28	brown	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Literature Test Booklet	3	3,080	9,240	8,400	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Literature Answer Booklet	3	3,080	9,240	8,400	14,000	20	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Spanish Algebra I Test Booklet	1	49	49	49	49	72	red	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Spanish Algebra I Answer Booklet	1	49	49	49	49	52	red	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Spanish Biology Test Booklet	1	39	39	39	39	88	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Spanish Biology Answer Booklet	1	39	39	39	39	44	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Algebra I Test Booklet	1	18	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Algebra I Answer Booklet	1	18	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Biology Test Booklet	1	16	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Biology Answer Booklet	1	16	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Literature Test Booklet	1	16	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Literature Answer Booklet	1	16	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Braille Algebra I Contracted Booklet	1	1	1	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Summer	Braille Biology Contracted Booklet	1	1	1	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Summer	Braille Literature Contracted Booklet	1	1	1	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Summer	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Summer	Algebra I DFA	1	616	616	N/A	N/A	32	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Summer	Biology DFA	1	616	616	N/A	N/A	32	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Summer	Literature DFA	1	616	616	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Summer	Algebra I Online DFA	1	374	374	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Biology Online DFA	1	374	374	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Literature Online DFA	1	374	374	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Algebra I Spanish DFA	1	21	21	N/A	N/A	48	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Biology Spanish DFA	1	18	18	N/A	N/A	48	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Individual Student Reports	1	84,000	84,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Summer	English Comp Test Booklet	1	9,240	9,240	8,400	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	English Comp Answer Booklet	1	9,240	9,240	8,400	14,000	28	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Summer	English Comp DFA	1	616	616	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Summer	English Comp Online DFA	1	374	374	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 5	Summer	Civics & Government Test Booklet	3	3,080	9,240	8,400	14,000	48	gold	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Civics & Government Answer Booklet	3	3,080	9,240	8,400	14,000	28	gold	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 5	Summer	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 5	Summer	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 5	Summer	Civics & Government DFA	1	616	616	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 5	Summer	Civics & Government Online DFA	1	374	374	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 5	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
2020-21 Year 6 -- 45% online testers																			
Year 6	Winter	Algebra I Test Booklet	3	22,587	67,760	61,600	112,000	40	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Algebra I Answer Booklet	3	22,587	67,760	61,600	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Biology Test Booklet	3	22,587	67,760	61,600	112,000	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Biology Answer Booklet	3	22,587	67,760	61,600	112,000	28	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Literature Test Booklet	3	22,587	67,760	61,600	112,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Literature Answer Booklet	3	22,587	67,760	61,600	112,000	20	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Spanish Algebra I Test Booklet	1	1,346	1,346	1,346	1,346	72	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Spanish Algebra I Answer Booklet	1	1,346	1,346	1,346	1,346	52	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Spanish Biology Test Booklet	1	1,075	1,075	1,075	1,075	88	orange	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Spanish Biology Answer Booklet	1	1,075	1,075	1,075	1,075	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Algebra I Test Booklet	1	148	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Algebra I Answer Booklet	1	148	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Biology Test Booklet	1	131	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Biology Answer Booklet	1	131	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Literature Test Booklet	1	115	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Literature Answer Booklet	1	115	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Braille Algebra I Contracted Booklet	1	12	12	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Winter	Braille Biology Contracted Booklet	1	11	11	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Winter	Braille Literature Contracted Booklet	1	11	11	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Winter	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Winter	Algebra I DFA	1	4,518	4,518	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Winter	Biology DFA	1	4,518	4,518	N/A	N/A	32	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Winter	Literature DFA	1	4,518	4,518	N/A	N/A	32	green	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Winter	Algebra I Online DFA	1	3,360	3,360	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Biology Online DFA	1	3,360	3,360	N/A	N/A	44	brown	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Literature Online DFA	1	3,360	3,360	N/A	N/A	44	rust	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Algebra I Spanish DFA	1	365	365	N/A	N/A	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Biology Spanish DFA	1	306	306	N/A	N/A	48	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Individual Student Reports	1	672,000	672,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Winter	English Comp Test Booklet	1	67,760	67,760	61,600	112,000	48	blue	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	English Comp Answer Booklet	1	67,760	67,760	61,600	112,000	28	blue	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Winter	English Comp DFA	1	4,517	4,517	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Winter	English Comp Online DFA	1	3,360	3,360	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Winter	Civics & Government Test Booklet	3	22,587	67,760	61,600	112,000	48	gold	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Civics & Government Answer Booklet	3	22,587	67,760	61,600	112,000	28	gold	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Winter	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Winter	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Winter	Civics & Government DFA	1	4,517	4,517	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Winter	Civics & Government Online DFA	1	3,360	3,360	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stitched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Winter	Individual Student Reports	1	224,000	224,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Spring	Algebra I Test Booklet	20	4,659	93,170	84,700	154,000	40	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Algebra I Answer Booklet	20	4,659	93,170	84,700	154,000	28	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Biology Test Booklet	20	4,659	93,170	84,700	154,000	48	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Biology Answer Booklet	20	4,659	93,170	84,700	154,000	28	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Literature Test Booklet	20	4,659	93,170	84,700	154,000	48	purple	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Literature Answer Booklet	20	4,659	93,170	84,700	154,000	20	purple	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Spring	Spanish Algebra I Test Booklet	1	1,876	1,876	1,876	1,876	72	red	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Spanish Algebra I Answer Booklet	1	1,876	1,876	1,876	1,876	52	red	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Spanish Biology Test Booklet	1	1,600	1,600	1,600	1,600	88	green	8 1/2 X 11	Saddle Stitched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Spanish Biology Answer Booklet	1	1,600	1,600	1,600	1,600	44	green	8 1/2 X 11	Saddle Stitched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Algebra I Test Booklet	1	203	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Algebra I Answer Booklet	1	203	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Biology Test Booklet	1	181	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Biology Answer Booklet	1	181	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Literature Test Booklet	1	158	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Literature Answer Booklet	1	158	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Braille Algebra I Contracted Booklet	1	16	16	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Braille	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped

Keystone Exams - DRC Proposed Materials List

Contract Year	Administration	Material Type	# of Forms (versions)	Quantity per form	Total Quantity (for printing/ packaging)	Total Quantity (for processing)	Total Quantity (for scoring)	8.5 x 11 Pages Incl Cover	Ink Colors	Finished Size	Binding	Paper Type	Scannable Image/OMR or nonscan	Perforations/ Corner Cuts	Litho Code/ Serial #s	Sealing Type and size of seal Segmented or overall	Spiraling	Security Bar Coding Ink Jet or other	Packaging or Shrinkwrapping with range sheet
Year 6	Spring	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Spring	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Spring	Civics & Government DFA	1	6,211	6,211	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Spring	Civics & Government Online DFA	1	4,620	4,620	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Spring	Individual Student Reports	1	308,000	308,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Summer	Algebra I Test Booklet	3	2,824	8,470	7,700	14,000	40	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Algebra I Answer Booklet	3	2,824	8,470	7,700	14,000	28	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Biology Test Booklet	3	2,824	8,470	7,700	14,000	48	brown	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Biology Answer Booklet	3	2,824	8,470	7,700	14,000	28	brown	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Literature Test Booklet	3	2,824	8,470	7,700	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Literature Answer Booklet	3	2,824	8,470	7,700	14,000	20	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Spanish Algebra I Test Booklet	1	49	49	49	49	72	red	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Spanish Algebra I Answer Booklet	1	49	49	49	49	52	red	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Spanish Biology Test Booklet	1	39	39	39	39	88	green	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Spanish Biology Answer Booklet	1	39	39	39	39	44	green	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	No	Inkjet	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Algebra I Test Booklet	1	18	148	N/A	N/A	40	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Algebra I Answer Booklet	1	18	148	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Biology Test Booklet	1	16	131	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Biology Answer Booklet	1	16	131	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Literature Test Booklet	1	16	115	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Literature Answer Booklet	1	16	115	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Braille Algebra I Contracted Booklet	1	1	1	N/A	N/A	226	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Summer	Braille Biology Contracted Booklet	1	1	1	N/A	N/A	206	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Summer	Braille Literature Contracted Booklet	1	1	1	N/A	N/A	324	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Summer	Handbook for Assessment Coordinators	1	2,500	2,500	N/A	N/A	60	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Summer	Algebra I DFA	1	565	565	N/A	N/A	32	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Summer	Biology DFA	1	565	565	N/A	N/A	32	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Summer	Literature DFA	1	565	565	N/A	N/A	32	purple	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Summer	Algebra I Online DFA	1	420	420	N/A	N/A	44	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Biology Online DFA	1	420	420	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Literature Online DFA	1	420	420	N/A	N/A	44	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Algebra I Spanish DFA	1	21	21	N/A	N/A	48	red	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Biology Spanish DFA	1	18	18	N/A	N/A	48	green	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Individual Student Reports	1	84,000	84,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Summer	English Comp Test Booklet	1	8,470	8,470	7,700	14,000	48	blue	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	English Comp Answer Booklet	1	8,470	8,470	7,700	14,000	28	blue	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Large Print English Comp Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print English Comp Answer Booklet	1	80	80	N/A	N/A	28	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Braille English Comp Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Summer	English Comp DFA	1	565	565	N/A	N/A	32	blue	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Summer	English Comp Online DFA	1	420	420	N/A	N/A	44	orange	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A
Year 6	Summer	Civics & Government Test Booklet	3	2,823	8,470	7,700	14,000	48	gold	8 1/2 X 11	Saddle Stched - 2 staples	45# Equal book	Non-Scan	None	No	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Civics & Government Answer Booklet	3	2,823	8,470	7,700	14,000	28	gold	8 1/2 X 11	Saddle Stched - 2 staples	60# Scannable	Scannable	None	Yes	N/A	Yes	Inkjet	Shrinkwrapped into packs of 17 and 7 with security range sheets
Year 6	Summer	Large Print Civics & Government Test Booklet	1	80	80	N/A	N/A	48	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Large Print Civics & Government Answer Booklet	1	80	80	N/A	N/A	20	B&W	11 X 17	4 staples, left edge	50# White Offset	Non-Scan	None	No	N/A	No	Barcode stickers	TB/ AB shrinkwrapped together with security range sheet
Year 6	Summer	Braille Civics & Government Contracted Booklet	1	6	6	N/A	N/A	204	NA	11 1/2 X 11	comb	80# White, Brailion	Non-Scan	None	No	N/A	No	Barcode stickers	Shrinkwrapped individually with security range sheet
Year 6	Summer	Civics & Government DFA	1	565	565	N/A	N/A	32	gold	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Shrinkwrapped into packs of 5 with cover sheet & singles
Year 6	Summer	Civics & Government Online DFA	1	420	420	N/A	N/A	44	pink	8 1/2 X 11	Saddle Stched - 2 staples	50# White Offset	Non-Scan	None	No	N/A	No	N/A	Single copies with an "M" barcode printed on the back cover
Year 6	Summer	Individual Student Reports	1	28,000	28,000	N/A	N/A	2 (duplex)	Full Color	8 1/2 X 11	N/A	50# White Offset	Non-Scan	None	No	N/A	No	N/A	N/A

Appendix H: Sample Handscoring Reports

Item Summary Report

Keystone Exam FT Fall 2010 - EPK053
 Grade 00 | Subject: Science

Date: 2/20/2014
 Time: 4:50:20 PM
 Page: 1 of 1

Priority: ALL
 Scoring Center: Sharonville - Team: ALL
 Item: ALL - Cumulative
 Blanks: Include

Inter-Rater Reliability

Score Point Distribution

Total	Inter-Rater Reliability				Score Point Distribution									
	2X	%EX	%AD	%NA	Total	%0	%1	%2	%3	%B	%F	%K	%U	
	Current Handscore	27,334	85	14	1	122,979	38	29	18	6	8	0	0	0
	Current Autoscore													
	Science Q117 Form 1 Mod 1 Score Handscore	1,070	94	6	0	5,011	83	8	5	0	4	0	0	0
	Science Q117 Form 2 Mod 1 Score Handscore	910	80	18	2	4,235	41	23	13	6	17	0	0	0
	Science Q117 Form 3 Mod 1 Score Handscore	822	87	12	1	3,307	9	39	48	2	2	0	0	0
	Science Q117 Form 4 Mod 1 Score Handscore	662	82	16	2	2,919	23	39	31	4	4	0	0	0
	Science Q118 Mod 1 Score Handscore	3,026	80	18	2	15,140	48	28	11	4	9	0	0	0
	Science Q135 Form 1 Mod 1 Score Handscore	1,042	77	22	2	4,960	32	25	23	13	8	0	0	0
	Science Q135 Form 2 Mod 1 Score Handscore	1,006	84	15	1	4,332	43	30	14	5	8	0	0	0
	Science Q135 Form 3 Mod 1 Score Handscore	738	90	9	0	3,253	38	43	10	3	6	0	0	0
	Science Q135 Form 4 Mod 1 Score Handscore	630	82	17	1	2,897	43	39	9	3	6	0	0	0
	Science Q136 Form 1 Mod 1 Score Handscore	1,080	84	15	1	4,943	31	37	15	9	8	0	0	0
	Science Q136 Form 2 Mod 1 Score Handscore	924	91	8	1	4,236	43	28	12	3	14	0	0	0
	Science Q136 Form 3 Mod 1 Score Handscore	822	87	12	1	3,303	30	53	11	1	5	0	0	0
	Science Q136 Form 4 Mod 1 Score Handscore	676	86	14	1	2,912	37	29	16	5	12	0	0	0
	Science Q217 Form 1 Mod 2 Score Handscore	1,152	95	5	0	4,987	78	9	4	1	8	0	0	0
	Science Q217 Form 2 Mod 2 Score Handscore	1,004	81	19	0	4,336	34	28	21	10	8	0	0	0
	Science Q217 Form 3 Mod 2 Score Handscore	744	78	19	4	3,250	45	32	12	7	4	0	0	0
	Science Q217 Form 4 Mod 2 Score Handscore	714	96	4	0	2,911	73	9	2	1	15	0	0	0
	Science Q218 Mod 2 Score Handscore	3,356	83	17	0	15,514	9	33	42	13	3	0	0	0
	Science Q235 Form 1 Mod 2 Score Handscore	1,208	87	12	0	5,067	21	35	28	13	3	0	0	0
	Science Q235 Form 2 Mod 2 Score Handscore	860	89	11	0	4,137	61	16	5	0	17	0	0	0
	Science Q235 Form 3 Mod 2 Score Handscore	742	82	18	0	3,247	34	35	16	11	4	0	0	0
	Science Q235 Form 4 Mod 2 Score Handscore	728	86	14	0	2,942	11	30	42	12	5	0	0	0
	Science Q236 Form 1 Mod 2 Score Handscore	1,068	91	7	2	4,849	56	23	4	3	14	0	0	0
	Science Q236 Form 2 Mod 2 Score Handscore	888	91	9	0	4,141	56	18	7	2	18	0	0	0
	Science Q236 Form 3 Mod 2 Score Handscore	780	82	17	1	3,243	27	30	24	11	8	0	0	0
	Science Q236 Form 4 Mod 2 Score Handscore	682	88	11	0	2,907	21	44	19	7	9	0	0	0



Scoring Summary Report
Grade 12 Retest
Grade 12 Writing

Date: 2/20/2014
 Time: 4:41:50 PM
 Page: 1 of 2

Priority: 10

Scoring Center: Woodbury - Team: ALL

Item: Grade 12 Writing Q001 Informational - Cumulative

Blanks: Include | Item Format: All

Grade 12 Writing Q001 Informational

Inter-rater Reliability

Composition

Score Point Distribution

Totals	2X	%EX	%AD	%NA	Total	%1	%2	%3	%4	%B	%N	%T
Current Handscore	2,818	89	11	0	12,893	23	39	15	1	19	3	0
Scorers 12 - Writing - Team 2												
4100	3	100	0	0	3	0	33	33	0	0	33	0
4196	107	87	13	0	583	23	43	17	2	15	0	0
4236	143	91	9	0	752	24	30	23	1	19	2	0
4296	94	82	18	0	503	27	36	15	1	20	2	0
4309	151	90	10	0	808	20	46	17	1	16	1	0
4459	104	90	10	0	522	20	41	15	2	20	2	0
4466	121	89	11	0	578	20	39	16	1	22	1	0
4498	141	89	11	0	543	22	38	15	1	22	1	0
11300	130	82	18	0	690	29	39	16	1	15	1	0
11464	127	88	12	0	652	20	34	19	1	25	1	0
11475	116	84	16	0	581	24	41	10	0	22	2	0
12 - Writing - Team 1												
4119	31	97	3	0	35	17	31	11	0	9	31	0
4158	125	84	16	0	611	24	50	8	0	17	2	0
4164	155	84	16	0	730	30	37	15	0	15	3	0
4200	117	90	10	0	556	19	50	11	0	19	2	0
4227	133	87	13	0	661	33	38	10	0	17	2	0
4315	161	94	6	0	785	24	38	15	0	22	2	0
4405	134	90	10	0	638	25	40	9	0	23	2	0



Validity Item Detail Report

EPA238

Grade 04 Reading

Team: <ALL>

Cumulative

Date: 2/20/2014

Time: 11:25:23 AM

Page: 1 of 2

Totals	#R	#NA Lo	#LO	#EX	#HI	#NA Hi	%NA Lo	%LO	%EX	%HI	%NA Hi
	1,018	1	80	891	46	0	0	8	88	5	0

1 Grade 04 Read Q140

First Dealt	Lithocode	#R	TS	#NA Lo	#LO	#EX	#HI	#NA Hi	%NA Lo	%LO	%EX	%HI	%NA Hi
04/30/13	40400163	26	1	0	0	26	0	0	0	0	100	0	0
04/30/13	40400468	25	3	0	4	21	0	0	0	16	84	0	0
04/30/13	40400711	23	1	0	6	15	2	0	0	26	65	9	0
04/29/13	40401258	29	3	0	2	27	0	0	0	7	93	0	0
04/30/13	40402484	28	2	0	3	25	0	0	0	11	89	0	0
04/29/13	40403764	28	2	0	7	21	0	0	0	25	75	0	0
05/01/13	40403801	21	2	0	18	3	0	0	0	86	14	0	0
04/29/13	40406098	25	1	0	0	15	10	0	0	0	60	40	0
04/29/13	40406324	23	2	0	0	21	2	0	0	0	91	9	0
04/30/13	40408423	27	2	0	0	27	0	0	0	0	100	0	0
04/29/13	40408897	22	3	0	0	22	0	0	0	0	100	0	0
04/29/13	40410493	26	1	0	0	26	0	0	0	0	100	0	0
04/29/13	40411591	22	3	0	2	20	0	0	0	9	91	0	0
04/29/13	40413924	24	1	0	8	16	0	0	0	33	67	0	0
04/29/13	40414311	27	2	0	0	23	4	0	0	0	85	15	0
04/29/13	40414570	24	1	0	1	23	0	0	0	4	96	0	0
04/30/13	40416242	27	3	1	1	25	0	0	4	4	93	0	0
04/29/13	40416444	27	1	0	6	21	0	0	0	22	78	0	0
04/29/13	40417811	25	3	0	1	24	0	0	0	4	96	0	0
04/30/13	40418268	30	2	0	0	29	1	0	0	0	97	3	0



Validity Item Detail Report

EPA238

Grade 04 Reading

Team: <ALL>

Cumulative

Date: 2/20/2014

Time: 11:25:23 AM

Page: 2 of 2

Totals	#R	#NA Lo	#LO	#EX	#HI	#NA HI	%NA LO	%LO	%EX	%HI	%NA HI
	1,018	1	80	891	46	0	0	8	88	5	0

1 Grade 04 Read Q140

First Dealt	Lithocode	#R	TS	#NA Lo	#LO	#EX	#HI	#NA Hi	%NA Lo	%LO	%EX	%HI	%NA HI
04/29/13	40419344	25	3	0	0	25	0	0	0	0	100	0	0
04/30/13	40420492	24	2	0	0	23	1	0	0	0	96	4	0
04/29/13	40420721	25	2	0	1	23	1	0	0	4	92	4	0
04/30/13	40421651	26	2	0	2	24	0	0	0	8	92	0	0
04/29/13	40421659	26	0	0	0	22	4	0	0	0	85	15	0
04/29/13	40421802	24	2	0	4	18	2	0	0	17	75	8	0
04/30/13	40422219	24	0	0	0	24	0	0	0	0	100	0	0
05/01/13	40423310	27	2	0	2	21	4	0	0	7	78	15	0
04/29/13	40424440	22	3	0	1	21	0	0	0	5	95	0	0
04/29/13	40425159	25	0	0	0	25	0	0	0	0	100	0	0
04/29/13	40425287	28	0	0	0	27	1	0	0	0	96	4	0
04/29/13	40427050	29	1	0	0	29	0	0	0	0	100	0	0
04/29/13	40427062	26	2	0	0	25	1	0	0	0	96	4	0
04/29/13	40427228	27	1	0	0	27	0	0	0	0	100	0	0
04/29/13	40427527	23	2	0	0	23	0	0	0	0	100	0	0
04/30/13	40428932	27	1	0	1	16	10	0	0	4	59	37	0
04/30/13	40430513	26	0	0	0	23	3	0	0	0	88	12	0
04/29/13	40431165	27	1	0	8	19	0	0	0	30	70	0	0
04/29/13	40432269	26	1	0	0	26	0	0	0	0	100	0	0
04/29/13	40433147	22	3	0	2	20	0	0	0	9	91	0	0



EPA438 PSSA
Grade 05 Mathematics
Validity Reader Detail Report
Cumulative

Date: 5/19/2015
Time: 11:02:48 AM

Reader: 16354

Item: 1 Grade 05 Mathematics Q025

<u>Lithocode</u>	<u>Score Time</u>		<u>TS</u>	<u>RS</u>				
50901953	05-15		3	4	+			
50908723	05-18		2	1	-			
50900727	05-14		0	0	=			
50900850	05-15		2	2	=			
50901721	05-13		2	2	=			
50902584	05-18		1	1	=			
50902935	05-14		3	3	=			
50903527	05-14		0	0	=			
50903685	05-14		3	3	=			
50903708	05-15		0	0	=			
50903720	05-15		4	4	=			
50904155	05-15		4	4	=			
50904673	05-15		4	4	=			
50905029	05-14		0	0	=			
50905030	05-14		1	1	=			
50906132	05-14		1	1	=			
50906432	05-15		4	4	=			
50906539	05-18		1	1	=			
50906609	05-15		1	1	=			
50906779	05-13		4	4	=			
50906829	05-18		0	0	=			
50907428	05-13		1	1	=			
50907647	05-15		1	1	=			
50907812	05-15		1	1	=			
50908197	05-15		0	0	=			
50908207	05-15		1	1	=			
50908293	05-14		0	0	=			
		<u>#R</u>	<u>#EX</u>	<u>#HI</u>	<u>#LO</u>	<u>%EX</u>	<u>%HI</u>	<u>%LO</u>
TOTAL		27	25	1	1	93	4	4

Appendix I: Sample Reports

Score Reporting Category Descriptions

English Language Arts

- Key Ideas and Details**
Students refer to key ideas and details in passages to summarize important ideas/events, determine a theme or main idea, and draw on evidence from text to support overall inferences and understanding.
 - Craft and Structure/Integration of Knowledge and Ideas**
Students demonstrate understanding of passages by comparing points of view and first-hand/second-hand accounts of similar events; making connections within and between texts; referring to text features to support information; and analyzing use of evidence to support overall integration of ideas/key aspects of text.
 - Vocabulary Acquisition and Use**
Students demonstrate understanding of vocabulary and figurative language in literature and informational texts.
-
- Types of Writing**
Students write opinion, informative, or narrative essays demonstrating effective techniques as appropriate for type and purpose.
 - Language**
Students demonstrate command of the conventions of standard English grammar and usage, capitalization, punctuation, and spelling and use knowledge of language and its conventions for effect.
-
- Text-Dependent Analysis**
Students write a response to literature or informational passages, drawing on the evidence presented in the text to support analysis, reflection, and/or research.
 - Literature Text**
Students read and respond to literature passages, focusing on narrative, poetic, and/or dramatic techniques and drawing on evidence in the text to support comprehension and understanding.
 - Informational Text**
Students read and respond to informational passages, focusing on the information and evidence presented on topics, ideas, or procedures and drawing on evidence in the text to support comprehension and interpretation.

Mathematics

- Numbers and Operations in Base Ten**
Students develop number skills by understanding place value, relative sizes of numbers in each place, and properties of operations. They practice estimating, doing mental calculations, and developing fluency in multiplying whole numbers.
- Numbers and Operations—Fractions**
Students learn the meaning of fractions by exploring relationships between fractions and division, creating fractions by counting and partitioning, and using unit fractions to represent whole numbers.
- Operations and Algebraic Thinking**
Students solve problems using all four arithmetic operations with whole numbers. They use drawings, equations, and symbols to represent quantities and analyze patterns. They also learn how factors and multiples relate to multiplication and division.
- Geometry**
Students compare and classify two-dimensional shapes to better understand two-dimensional objects. They explore problems involving symmetry, visual and spatial reasoning, and how to select tools to answer questions about size and relationships.
- Measurement and Data**
Students use arithmetic operations to solve problems involving measurements and conversions with customary and metric units. They represent and interpret data using line plots, and they use fractions to interpret and calculate intervals.

Science

- The Nature of Science**
Students use reasoning skills to develop possible solutions for everyday problems. They plan and conduct fair and valid scientific investigations. They identify patterns and use models to help explain natural and human-made systems.
- Biological Sciences**
Students evaluate structures and functions of organisms, describe ecological behaviors within living systems, and recognize the interdependencies between humans and the natural world.
- Physical Sciences**
Students demonstrate understanding of physical properties of matter and basic energy types and sources. They describe how energy can change form and apply the scientific principles of force and motion.
- Earth and Space Sciences**
Students identify and describe Earth features and processes that change the environment. They recognize processes and changes associated with weather, climate, the atmosphere, and the Earth-Moon-Sun system.

PENNSYLVANIA

System of School Assessment (PSSA)

Student Report

Student Name: Sample Student 3
PA Student ID: *****45154
School: Sample School
District: Sample District
Test Date: Spring 2015
Grade: 4

What Is the Pennsylvania System of School Assessment (PSSA)?

- The PSSA is an assessment system used to measure a student's progression toward mastery of the
 - Pennsylvania Core Standards in Mathematics and English Language Arts
 - Pennsylvania Academic Content Standards in Science
- For additional information, visit the Pennsylvania Department of Education's website at www.education.state.pa.us.

What Is Included in This Report?

- This report provides information about the student's recent performances on the
 - Mathematics, English Language Arts, and Science PSSA assessments
- It is not intended to summarize all aspects of student learning.

For Additional Information

- For more information about a student's performance, consult the school or the classroom teacher.
- A Report Interpretation Guide is available at www.education.state.pa.us. Type "student report guide" in the search field or consult the local school district or school.

Student's Results				
Performance Level				
	Goal Range*			
	Below Basic	Basic	Proficient	Advanced
Mathematics			✓	
Science			✓	
English Language Arts				✓

* **Goal Range:** The goal range is for all students in the Commonwealth of Pennsylvania to score proficient or above.

^ See inside for details

Science is not assessed in Grade --.

Performance Levels

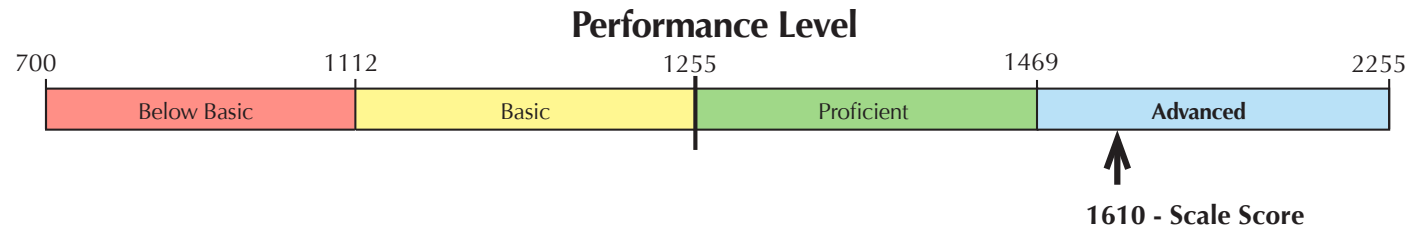
The Below Basic Level reflects inadequate academic performance, and work at this level demonstrates a minimal command of and ability to apply the knowledge, skills, and practices represented in the Pennsylvania standards. Consistent performance at this level indicates extensive additional academic support may be needed for engaging successfully in further studies in this content area.

The Basic Level reflects marginal academic performance, and work at this level demonstrates a partial command of and ability to apply the knowledge, skills, and practices represented in the Pennsylvania standards. Consistent performance at this level indicates additional academic support may be needed for engaging successfully in further studies in this content area.

The Proficient Level reflects satisfactory academic performance, and work at this level demonstrates an adequate command of and ability to apply the knowledge, skills, and practices represented in the Pennsylvania standards. Consistent performance at this level indicates academic preparation for engaging successfully in further studies in this content area.

The Advanced Level reflects superior academic performance, and work at this level demonstrates a thorough command of and ability to apply the knowledge, skills, and practices represented in the Pennsylvania standards. Consistent performance at this level indicates advanced academic preparation for engaging successfully in further studies in this content area.

English Language Arts



Student's test scale score is indicated by the (↑). If this student were to test again under similar circumstances, the student's score would likely remain in the following range: **1519–1701**.

Score Reporting Category	Student's Points	Total Points Possible	Strength Profile [†]
Reading[‡]			
Key Ideas and Details	16	17	High
Craft and Structure/Integration of Knowledge and Ideas	9	12	Medium
Vocabulary Acquisition and Use	7	9	Medium
Writing			
Types of Writing	8	12	Medium
Language	14	18	Medium
Text-Dependent Analysis			
Text-Dependent Analysis	16	16	High

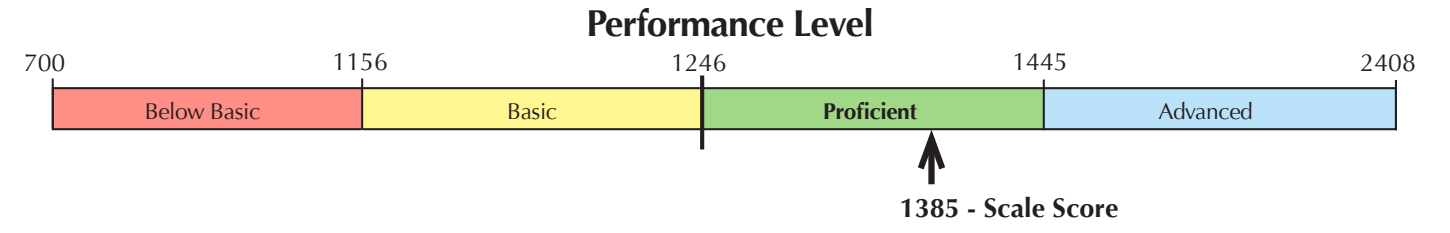
[‡] Each reading question connects to a Reading reporting category in the table above as well as to a Text Type reporting category in the table below. However, each reading question counts only one time in the student's score.

Score Reporting Category	Student's Points	Total Points Possible	Strength Profile [†]
Text Types			
Literature Text	14	19	Medium
Informational Text	18	19	High

To learn more about the Score Reporting Categories, see page 4.

[†] **The Strength Profile (Low, Medium, High):** The strength profile provides an indication of this student's performance within each of the reporting categories. The Strength Profile takes into account the difficulty of the assessment questions and can be used to help identify the student's strengths and/or areas of need.

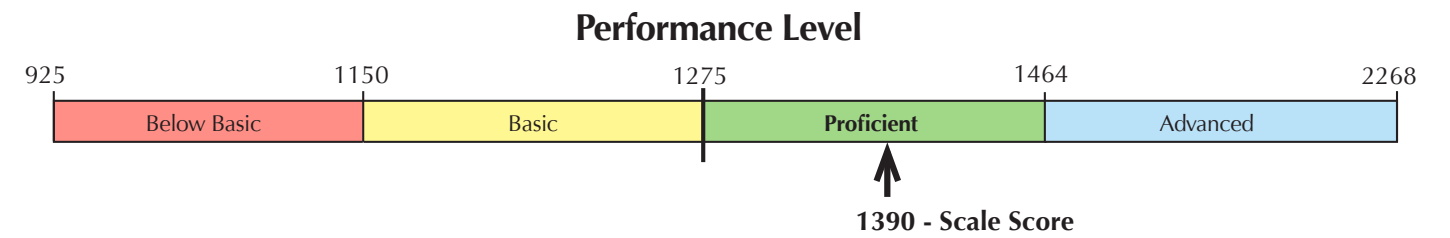
Mathematics



Student's test scale score is indicated by the (↑). If this student were to test again under similar circumstances, the student's score would likely remain in the following range: **1331–1439**.

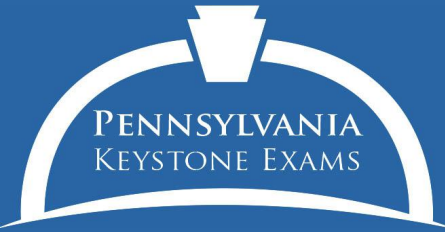
Score Reporting Category	Student's Points	Total Points Possible	Strength Profile [†]
Numbers and Operations in Base Ten	5	14	Low
Numbers and Operations—Fractions	10	15	Medium
Operations and Algebraic Thinking	16	19	High
Geometry	10	11	High
Measurement and Data	9	13	Medium

Science



Student's test scale score is indicated by the (↑). If this student were to test again under similar circumstances, the student's score would likely remain in the following range: **1341–1439**.

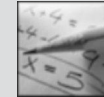
Score Reporting Category	Student's Points	Total Points Possible	Strength Profile [†]
The Nature of Science	25	34	Medium
Biological Sciences	9	12	Medium
Physical Sciences	4	10	Low
Earth and Space Sciences	8	12	Medium



District Summary Report

District: BALD EAGLE AREA SD
AUN: 110141003
Test Date: Spring 2013
Number of Students Tested: 416

Content Area:
Algebra I



Dear District Leader:

This report provides valuable information about your school district's performance on the Pennsylvania Keystone Exams.

The report is designed to give you

- an overview of your district's performance compared to the performance of school districts statewide,
- in-depth results by student group, and
- data on your district's achievement by assessment anchor.

Please use this report and detailed supporting materials on the Pennsylvania Department of Education Standards Aligned System website (www.pdesas.org) to help you and your staff continuously improve your schools. Our mutual goal is to enable all students to become lifelong learners and reach their full potential.

Sincerely,

William E. Harner, Ph.D.
Acting Secretary of Education

About the Keystone Exams

The Keystone Exams are end-of-course assessments designed to assess performance in the content areas of Algebra I, Biology, and Literature. Keystone Exam results will help determine whether or not a student has mastered the standards associated with earning a high school diploma. The Keystone Exams are taken by students in grade 11 to meet the federal requirement of measuring Adequate Yearly Progress (AYP) for high schools. Students not in grade 11 who have completed a Keystone-related course may also take a Keystone Exam and have their scores banked for AYP reporting until they are in grade 11. The Keystone Exams are offered in both paper/pencil and online formats.

Keystone Exams are one component of Pennsylvania's system of high school graduation requirements affecting students in the class of 2017 and beyond. These tests were developed by Pennsylvania educators and are aligned to the standards adopted by the Pennsylvania State Board of Education. The results help students, parents and educators understand how well we are meeting rigorous expectations for student achievement in core subject areas.

For more information about the Keystone Exams, please contact the Pennsylvania Department of Education or visit www.pdesas.org.

www.pdesas.org

Algebra I



pennsylvania
DEPARTMENT OF EDUCATION

KEYSTONE EXAMS ITEMS





Common items within a content area are administered to all eligible students regardless of the exam form they are assigned. Only the common items are used in determining students' scores and their corresponding performance levels. This practice ensures all students are evaluated using the same set of items.

Field Test items vary between forms. These items are included only as a means for gathering statistical information about an item that might be used in a future assessment. Field Test items are not included in the results of students, schools, or the district.

KEYSTONE EXAMS SCORES

The Keystone Exam score is a scale score computed from the number of points a student receives on the exam (i.e., raw score). For every possible raw score on an exam form, there is a corresponding scale score. Most state testing programs use scale scores for reporting purposes. A given scale score has the same interpretation regardless of the length or difficulty of the exam. For example, a scale score of 1300 always implies the same level of student performance and always falls in the same performance level. The student's Keystone Exam scale score is used to identify the student's performance level. The items on the Keystone Exams change with each administration, but they continue to measure the same Assessment Anchors and Eligible Content.

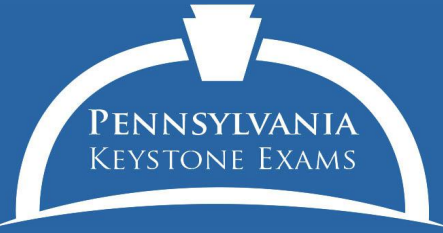
KEYSTONE EXAMS PERFORMANCE LEVELS

-  **Advanced:** Superior academic performance indicating an in-depth understanding and exemplary display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content.
-  **Proficient:** Satisfactory academic performance indicating a solid understanding and adequate display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content.
-  **Basic:** Marginal academic performance indicating work approaching, but not yet reaching, satisfactory performance. Performance indicates a partial understanding and limited display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content. The student may need additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.
-  **Below Basic:** Inadequate academic performance indicating little understanding and minimal display of the skills included in the Keystone Exams Assessment Anchors and Eligible Content. There is a major need for additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

KEYSTONE EXAMS ASSESSMENT ANCHORS AND ELIGIBLE CONTENT

The Keystone Exams Assessment Anchors and Eligible Content are designed to clarify the Academic Standards that may be assessed in the Keystone Exams. An Assessment Anchor is reported only if five or more possible points come from items aligned with the Assessment Anchor. Results based on fewer than five items are not considered statistically reliable.

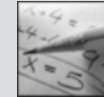




District Summary Report

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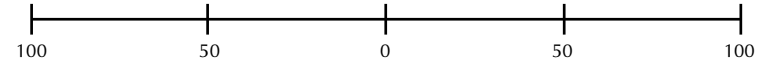
Content Area:
 Algebra I

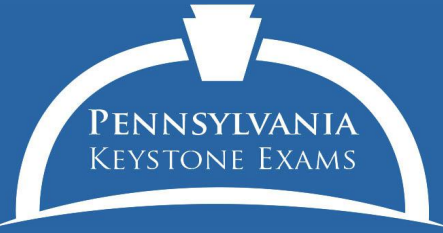


Performance Level Summary: All Testers

Algebra I	Total Tested	Below Basic		Basic		Proficient		Advanced		Percentages by Performance Level ¹	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Percentage of Students Below Basic and Basic in Algebra I	Percentage of Students Proficient and Advanced in Algebra I
District: All Testers	416	38	9.1	197	47.4	152	36.5	29	7.0	47.4	36.5 (43.5)
State: All Testers	248,871	40,893	16.4	109,258	43.9	66,240	26.6	32,480	13.1	43.9	26.6 (39.7)

¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.
 Summaries are based on students' highest scores to date.
 Please note that the percentages in the table may not add up to 100% due to rounding.

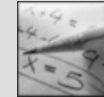




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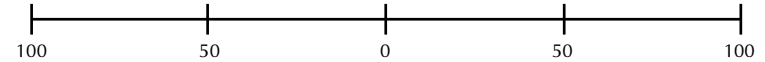
Content Area:
 Algebra I

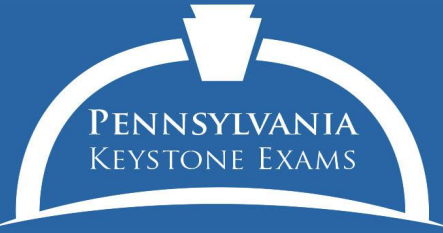


Performance Level Summary: First Time Testers

Algebra I	Total Tested	Below Basic		Basic		Proficient		Advanced		Percentages by Performance Level ¹	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Percentage of Students Below Basic and Basic in Algebra I	Percentage of Students Proficient and Advanced in Algebra I
District: First Time Testers	272	36	13.2	127	46.7	85	31.3	24	8.8		
State: First Time Testers	155,357	25,509	16.4	55,232	35.6	44,492	28.6	30,124	19.4		

¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.
 Summaries are based on students' highest scores to date.
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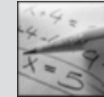




District Summary Report

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Content Area:
 Algebra I



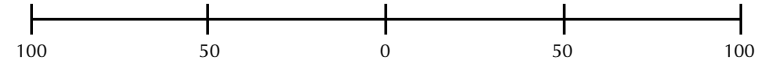
Performance Level Summary: Re-Testers

Algebra I	Total Tested	Below Basic		Basic		Proficient		Advanced		Percentages by Performance Level ¹	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Percentage of Students Below Basic and Basic in Algebra I	Percentage of Students Proficient and Advanced in Algebra I
District: Re-testers	144	2	1.4	70	48.6	67	46.5	5	3.5		
State: Re-testers	93,514	15,384	16.5	54,026	57.8	21,748	23.3	2356	2.5		

¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.

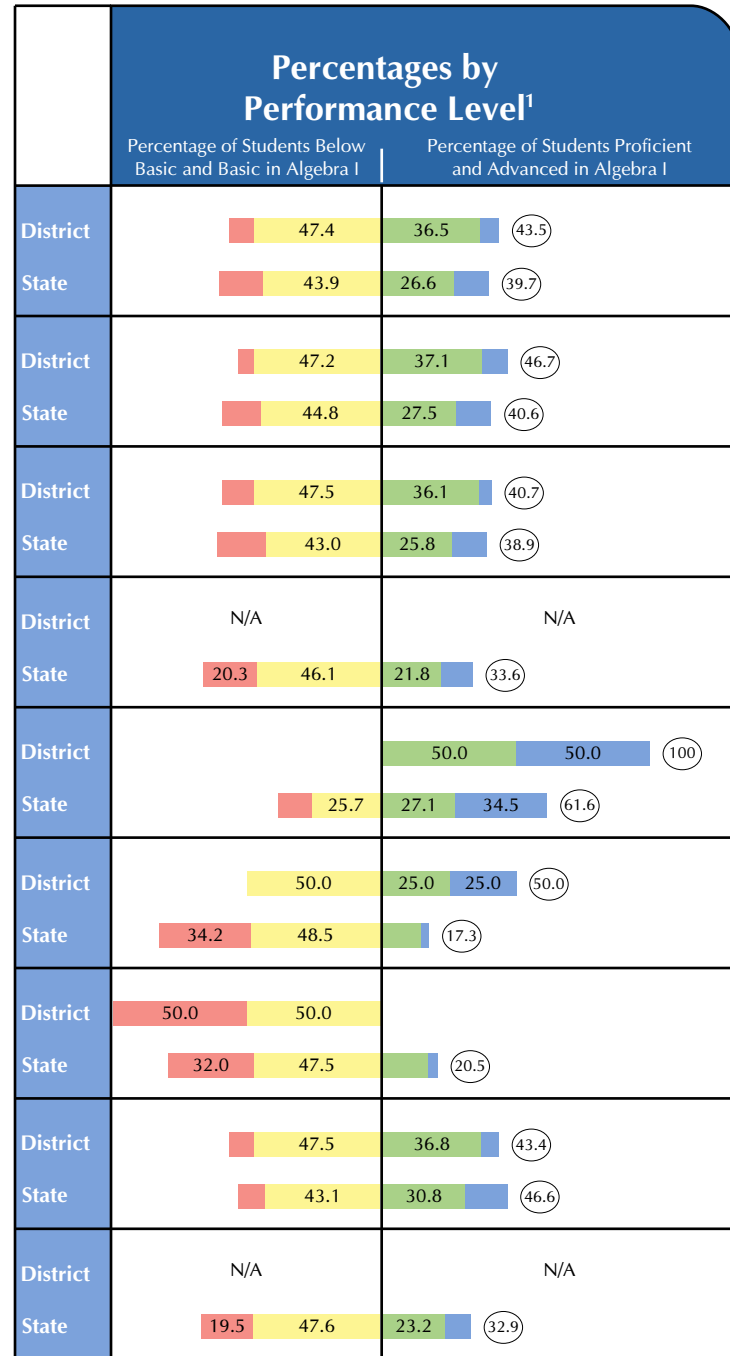
Summaries are based on students' highest scores to date.

Please note that the percentages in the table may not add up to 100% due to rounding.



Performance Level Summary by Group: All Testers

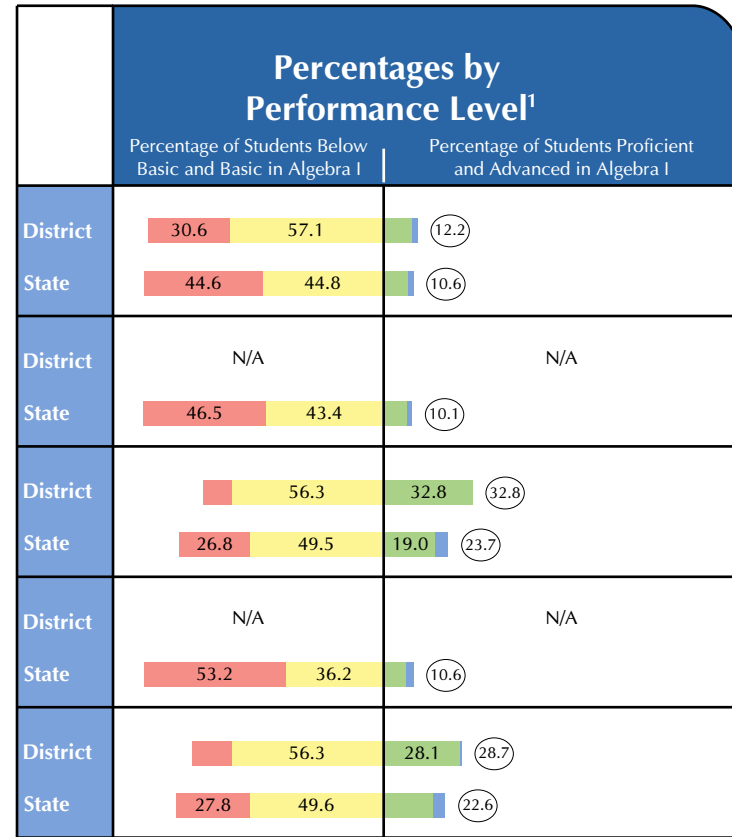
Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
All Testers	#	38	197	152	29	40,893	109,258	66,240	32,480
	%	9.1	47.4	36.5	7.0	16.4	43.9	26.6	13.1
Female	#	12	93	73	19	17,942	54,913	33,742	16,034
	%	6.1	47.2	37.1	9.6	14.6	44.8	27.5	13.1
Male	#	26	104	79	10	22,842	54,167	32,416	16,436
	%	11.9	47.5	36.1	4.6	18.1	43.0	25.8	13.1
American Indian or Alaskan Native	#	0	0	0	0	67	152	72	39
	%	N/A	N/A	N/A	N/A	20.3	46.1	21.8	11.8
Asian or Pacific Islander	#	0	0	1	1	1004	2041	2145	2738
	%	0.0	0.0	50.0	50.0	12.7	25.7	27.1	34.5
Black/African American non-Hispanic	#	0	2	1	1	14,099	19,982	5986	1133
	%	0.0	50.0	25.0	25.0	34.2	48.5	14.5	2.8
Latino/Hispanic	#	1	1	0	0	7097	10,521	3711	815
	%	50.0	50.0	0.0	0.0	32.0	47.5	16.8	3.7
White non-Hispanic	#	37	194	150	27	17,724	74,508	53,343	27,369
	%	9.1	47.5	36.8	6.6	10.2	43.1	30.8	15.8
Multi-Racial/Ethnic (two or more races)	#	0	0	0	0	752	1832	893	374
	%	N/A	N/A	N/A	N/A	19.5	47.6	23.2	9.7



Performance Level Summary by Group: All Testers (Continued)

Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
IEP-Special Education	#	15	28	5	1	16,393	16,437	3170	730
	%	30.6	57.1	10.2	2.0	44.6	44.8	8.6	2.0
Migrant Education Program	#	0	0	0	0	60	56	11	2
	%	N/A	N/A	N/A	N/A	46.5	43.4	8.5	1.6
Economically Disadvantaged	#	14	72	42	0	27,842	51,335	19,656	4863
	%	10.9	56.3	32.8	0.0	26.8	49.5	19.0	4.7
English Language Learner	#	0	0	0	0	4162	2833	622	211
	%	N/A	N/A	N/A	N/A	53.2	36.2	7.9	2.7
Historically Underperforming	#	24	90	45	1	33,767	60,333	21,957	5511
	%	15.0	56.3	28.1	0.6	27.8	49.6	18.1	4.5

PROGRAM STATUS



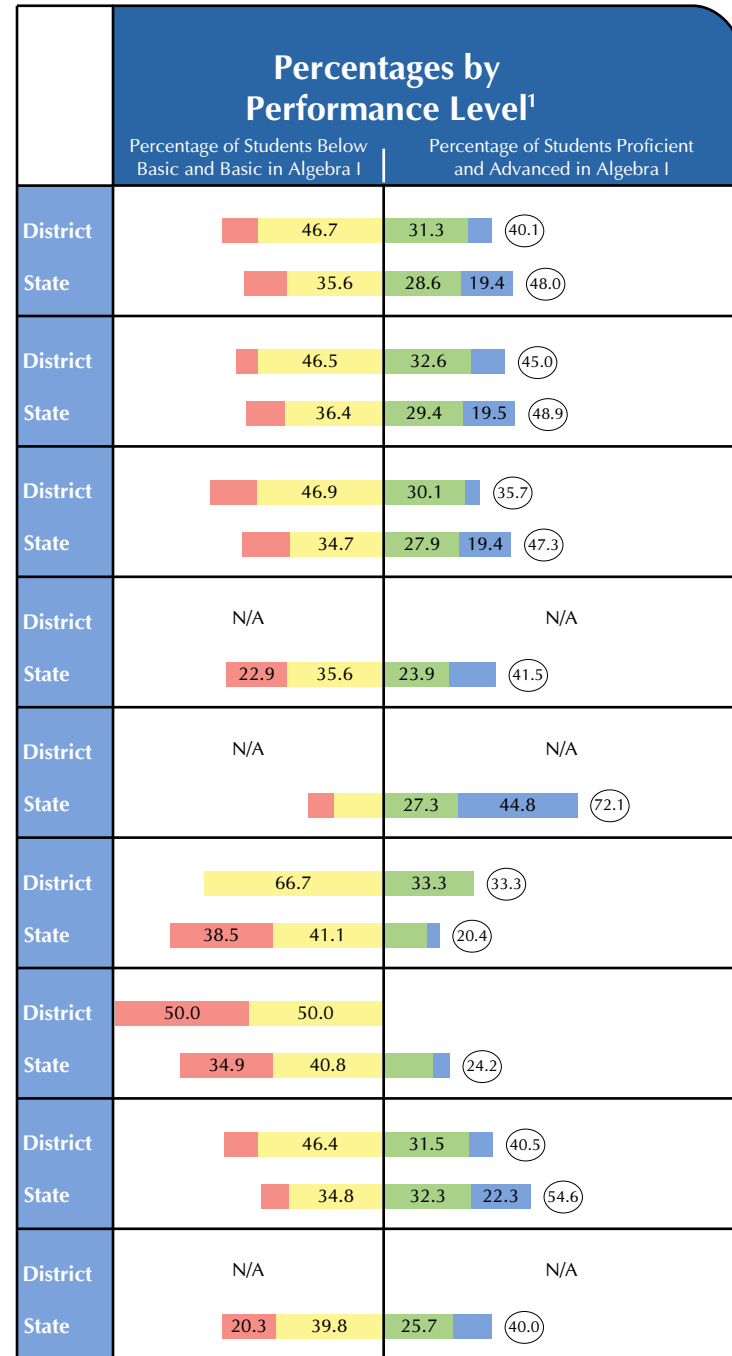
¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.

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Performance Level Summary by Group: First Time Testers

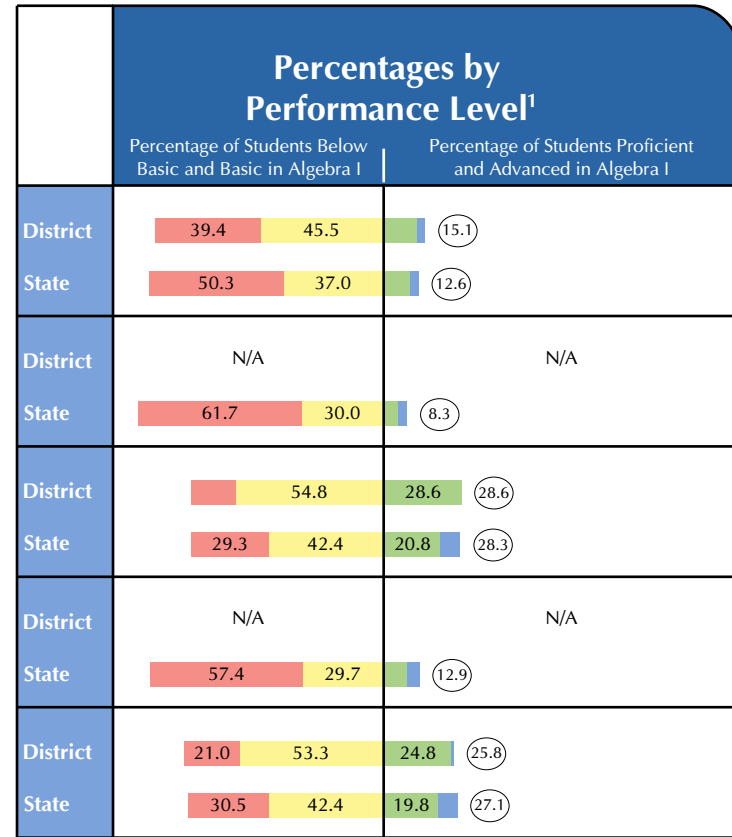
Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
First Time Testers	#	36	127	85	24	25,509	55,232	44,492	30,124
	%	13.2	46.7	31.3	8.8	16.4	35.6	28.6	19.4
Female	#	11	60	42	16	11,272	27,824	22,511	14,880
	%	8.5	46.5	32.6	12.4	14.7	36.4	29.4	19.5
Male	#	25	67	43	8	14,157	27,296	21,932	15,234
	%	17.5	46.9	30.1	5.6	18.0	34.7	27.9	19.4
American Indian or Alaskan Native	#	0	0	0	0	47	73	49	36
	%	N/A	N/A	N/A	N/A	22.9	35.6	23.9	17.6
Asian or Pacific Islander	#	0	0	0	0	576	1061	1605	2636
	%	N/A	N/A	N/A	N/A	9.8	18.1	27.3	44.8
Black/African American non-Hispanic	#	0	2	1	0	8084	8624	3293	984
	%	0.0	66.7	33.3	0.0	38.5	41.1	15.7	4.7
Latino/Hispanic	#	1	1	0	0	4167	4865	2160	732
	%	50.0	50.0	0.0	0.0	34.9	40.8	18.1	6.1
White non-Hispanic	#	35	124	84	24	12,023	39,494	36,705	25,377
	%	13.1	46.4	31.5	9.0	10.6	34.8	32.3	22.3
Multi-Racial/Ethnic (two or more races)	#	0	0	0	0	492	966	623	347
	%	N/A	N/A	N/A	N/A	20.3	39.8	25.7	14.3



Performance Level Summary by Group: First Time Testers (Continued)

Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
IEP-Special Education	#	13	15	4	1	9631	7088	1780	639
	%	39.4	45.5	12.1	3.0	50.3	37.0	9.3	3.3
Migrant Education Program	#	0	0	0	0	37	18	3	2
	%	N/A	N/A	N/A	N/A	61.7	30.0	5.0	3.3
Economically Disadvantaged	#	14	46	24	0	16,646	24,139	11,822	4278
	%	16.7	54.8	28.6	0.0	29.3	42.4	20.8	7.5
English Language Learner	#	0	0	0	0	2338	1209	339	186
	%	N/A	N/A	N/A	N/A	57.4	29.7	8.3	4.6
Historically Underperforming	#	22	56	26	1	20,325	28,213	13,161	4868
	%	21.0	53.3	24.8	1.0	30.5	42.4	19.8	7.3

PROGRAM STATUS



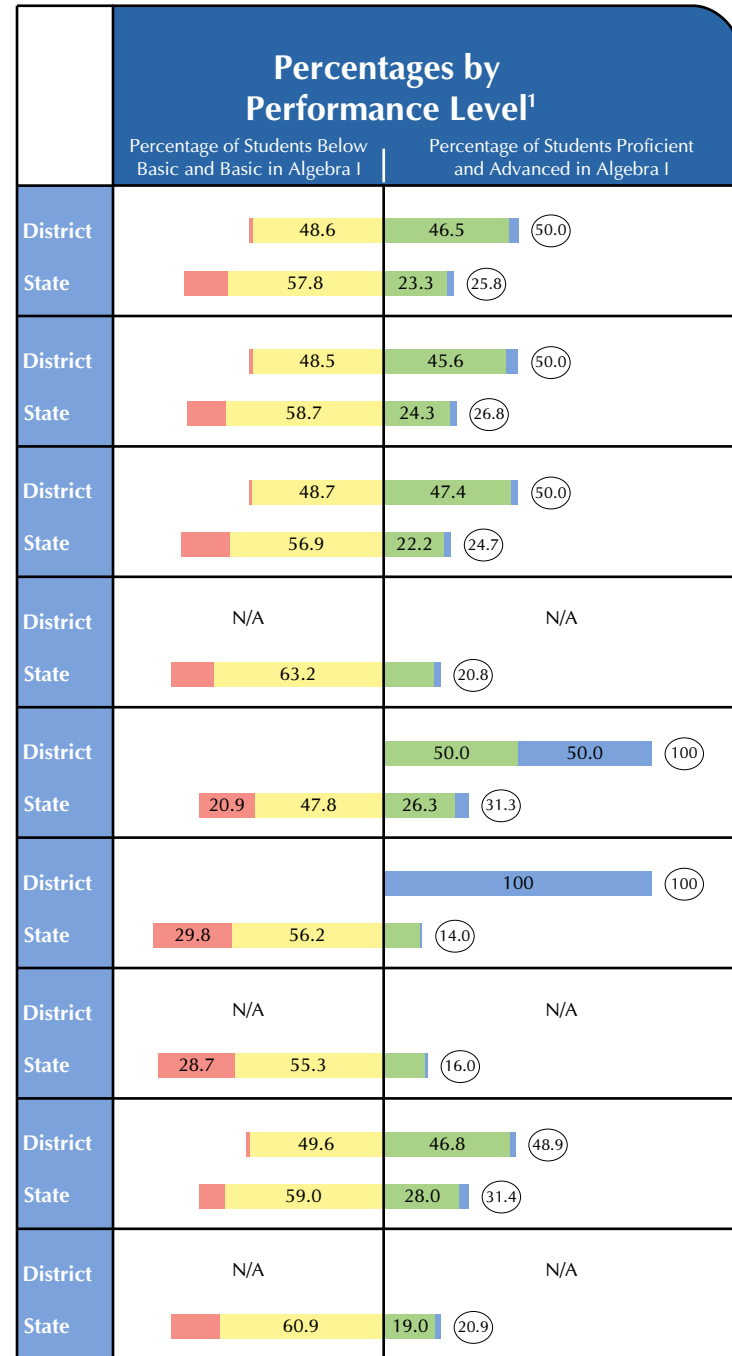
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Performance Level Summary by Group: Re-Testers

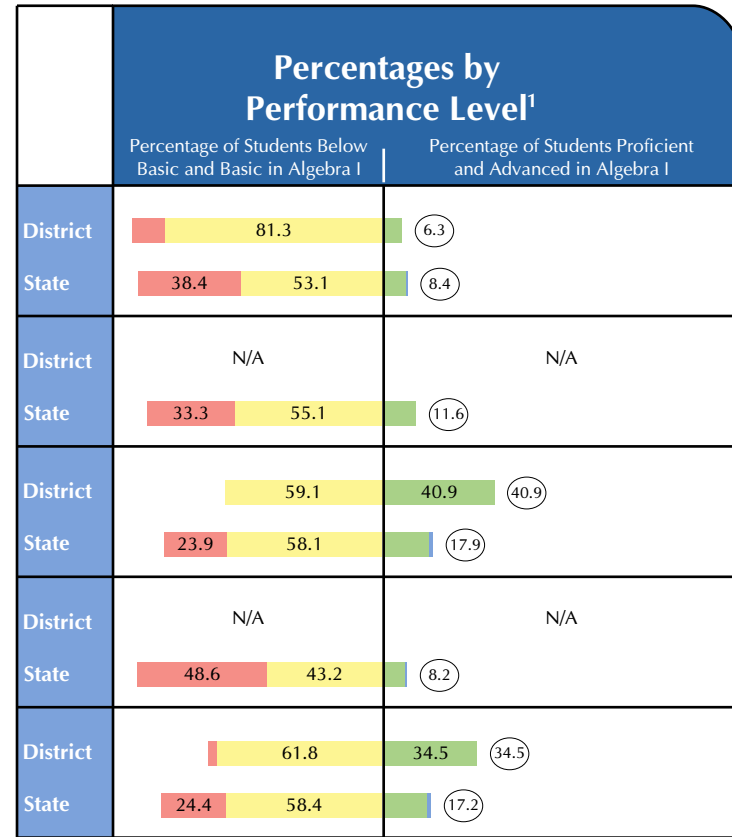
Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
Re-Testers	#	2	70	67	5	15,384	54,026	21,748	2356
	%	1.4	48.6	46.5	3.5	16.5	57.8	23.3	2.5
Female	#	1	33	31	3	6670	27,089	11,231	1154
	%	1.5	48.5	45.6	4.4	14.5	58.7	24.3	2.5
Male	#	1	37	36	2	8685	26,871	10,484	1202
	%	1.3	48.7	47.4	2.6	18.4	56.9	22.2	2.5
American Indian or Alaskan Native	#	0	0	0	0	20	79	23	3
	%	N/A	N/A	N/A	N/A	16.0	63.2	18.4	2.4
Asian or Pacific Islander	#	0	0	1	1	428	980	540	102
	%	0.0	0.0	50.0	50.0	20.9	47.8	26.3	5.0
Black/African American non-Hispanic	#	0	0	0	1	6015	11,358	2693	149
	%	0.0	0.0	0.0	100	29.8	56.2	13.3	0.7
Latino/Hispanic	#	0	0	0	0	2930	5656	1551	83
	%	N/A	N/A	N/A	N/A	28.7	55.3	15.2	0.8
White non-Hispanic	#	2	70	66	3	5701	35,014	16,638	1992
	%	1.4	49.6	46.8	2.1	9.6	59.0	28.0	3.4
Multi-Racial/Ethnic (two or more races)	#	0	0	0	0	260	866	270	27
	%	N/A	N/A	N/A	N/A	18.3	60.9	19.0	1.9



Performance Level Summary by Group: Re-Testers (Continued)

Algebra I		District				State			
		Below Basic	Basic	Proficient	Advanced	Below Basic	Basic	Proficient	Advanced
IEP-Special Education	#	2	13	1	0	6762	9349	1390	91
	%	12.5	81.3	6.3	0.0	38.4	53.1	7.9	0.5
Migrant Education Program	#	0	0	0	0	23	38	8	0
	%	N/A	N/A	N/A	N/A	33.3	55.1	11.6	0.0
Economically Disadvantaged	#	0	26	18	0	11,196	27,196	7834	585
	%	0.0	59.1	40.9	0.0	23.9	58.1	16.7	1.2
English Language Learner	#	0	0	0	0	1824	1624	283	25
	%	N/A	N/A	N/A	N/A	48.6	43.2	7.5	0.7
Historically Underperforming	#	2	34	19	0	13,442	32,120	8796	643
	%	3.6	61.8	34.5	0.0	24.4	58.4	16.0	1.2

PROGRAM STATUS



¹If a percentage is not displayed within the bar graph, consult the table for the actual percentage.

Summaries are based on students' highest scores to date.

Please note that the percentages in the table may not add up to 100% due to rounding.

Performance Summary by Assessment Anchor

Based on Current Test Administration

All Testers Performance Summary by Assessment Anchor

Algebra I	Points Possible	Minimum Estimated Points Needed to Pass ¹	District Median ² Points Earned	State Median Points Earned	District Percent of Students Earning More than Minimum Points	State Percent of Students Earning More than Minimum Points
Module 1 - Operations and Linear Equations & Inequalities	30	16	14	12	28.8	29.1
A1.1.1 Operations with Real Numbers and Expressions	6	4	3	3	9.4	13.6
A1.1.2 Linear Equations	12	6	5	4	26.0	27.1
A1.1.3 Linear Inequalities	12	7	6	5	26.2	26.2
Module 2 - Linear Functions and Data Organizations	30	16	15	14	37.3	38.0
A1.2.1 Functions	12	7	6	5	24.0	30.0
A1.2.2 Coordinate Geometry	12	7	6	6	24.8	27.4
A1.2.3 Data Analysis	6	4	3	3	16.6	21.3

¹Due to rounding, the minimum estimated points needed to pass at the assessment anchor level may not always sum to the corresponding points at the module level.

²**Median:** The median is the score where approximately half of the students score above and half score below. All medians in this report are calculated based on students' scores. The median is reported instead of the mean because extreme outlier scores can impact the mean for a small group (e.g., 15 or fewer students).

Performance Summary by Assessment Anchor

Based on Current Test Administration

First Time Testers Performance Summary by Assessment Anchor

Algebra I	Points Possible	Minimum Estimated Points Needed to Pass ¹	District Median ² Points Earned	State Median Points Earned	District Percent of Students Earning More than Minimum Points	State Percent of Students Earning More than Minimum Points
Module 1 - Operations and Linear Equations & Inequalities	30	16	13	13	29.0	38.0
A1.1.1 Operations with Real Numbers and Expressions	6	4	3	3	9.9	17.2
A1.1.2 Linear Equations	12	6	5	5	25.0	35.4
A1.1.3 Linear Inequalities	12	7	6	6	27.6	33.9
Module 2 - Linear Functions and Data Organizations	30	16	15	16	36.4	47.0
A1.2.1 Functions	12	7	6	6	24.6	38.0
A1.2.2 Coordinate Geometry	12	7	6	6	25.0	34.9
A1.2.3 Data Analysis	6	4	3	3	16.5	27.2

¹Due to rounding, the minimum estimated points needed to pass at the assessment anchor level may not always sum to the corresponding points at the module level.

²**Median:** The median is the score where approximately half of the students score above and half score below. All medians in this report are calculated based on students' scores. The median is reported instead of the mean because extreme outlier scores can impact the mean for a small group (e.g., 15 or fewer students).

Performance Summary by Assessment Anchor

Based on Current Test Administration

Re-Testers Performance Summary by Assessment Anchor

Algebra I	Points Possible	Minimum Estimated Points Needed to Pass ¹	District Median ² Points Earned	State Median Points Earned	District Percent of Students Earning More than Minimum Points	State Percent of Students Earning More than Minimum Points
Module 1 - Operations and Linear Equations & Inequalities	30	16	14	10	28.5	13.5
A1.1.1 Operations with Real Numbers and Expressions	6	4	3	2	8.3	7.2
A1.1.2 Linear Equations	12	6	5	3	27.8	12.7
A1.1.3 Linear Inequalities	12	7	6	4	23.6	12.7
Module 2 - Linear Functions and Data Organizations	30	16	15	12	38.9	22.2
A1.2.1 Functions	12	7	6	4	22.9	16.0
A1.2.2 Coordinate Geometry	12	7	6	5	24.3	14.2
A1.2.3 Data Analysis	6	4	3	2	16.7	11.0

¹Due to rounding, the minimum estimated points needed to pass at the assessment anchor level may not always sum to the corresponding points at the module level.

²**Median:** The median is the score where approximately half of the students score above and half score below. All medians in this report are calculated based on students' scores. The median is reported instead of the mean because extreme outlier scores can impact the mean for a small group (e.g., 15 or fewer students).



Student Report

Student Name: TIMOTHY JOHNSON

PA Student ID: *****19904

School: PENNSYLVANIA HS

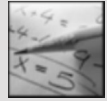
District: PENNSYLVANIA AREA SD

Test Date: Spring 2013

Grade: 9

Content Area:

Algebra I



Student's Keystone Exam Result			
			Goal Range
Below Basic	Basic	Proficient	Advanced
		✓	

Dear Family:

This report provides information about your child's recent performance on a Pennsylvania test known as the Keystone Exam. On this page, you can see your child's overall performance – below basic, basic, proficient or advanced.

Within this report, you will find specific information about your child's performance on the Algebra I Keystone Exam. It displays your child's Highest Total Test Scale Score to Date for Module 1 and Module 2. Module 1 assesses Operations and Linear Equations and Inequalities, and Module 2 assesses Linear Functions and Data Organization. Your child's previous score(s) for this Keystone Exam are also displayed (if applicable).

For detailed information about the Keystone exams, please visit the Pennsylvania Department of Education's Standards Aligned System website at www.pdesas.org, or contact your child's school.

Sincerely,

Carolyn C. Dumaresq, Ed.D.
Acting Secretary of Education

About the Keystone Exams

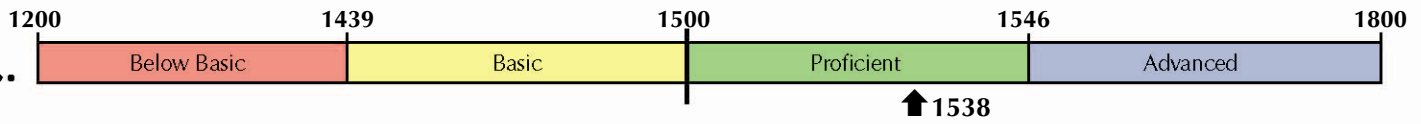
The Keystone Exams are administered to students near the end of specific courses and include Algebra I, Biology, and Literature. Keystone Exam results will help determine whether or not a student has mastered the standards associated with earning a high school diploma. The Keystone Exams are taken by students in grade 11 to meet federal and state accountability requirements for high schools. Students not in grade 11 who have completed a Keystone-related course may also take a Keystone Exam and have their scores banked for grade 11 federal accountability reporting until they are in grade 11. The Keystone Exams are offered in both paper/pencil and online formats.

Keystone Exams are one component of Pennsylvania's system of high school graduation requirements affecting students in the class of 2017 and beyond. These tests were developed by Pennsylvania educators and are aligned to the standards adopted by the Pennsylvania State Board of Education. The results help students, parents and educators understand how well we are meeting rigorous expectations for student achievement in core subject areas.

For more information about the Keystone Exams, please visit the Pennsylvania Department of Education's Standards Aligned System website at www.pdesas.org (select "Assessments" and then "Keystone Exams").

Performance Level on Total Test

Student's highest total test scale score is indicated by the (**▲**). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 1500-1550.



Inadequate academic performance that indicates little understanding and minimal display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content. There is a major need for additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

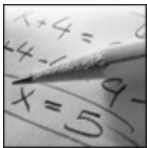
Marginal academic performance, work approaching, but not yet reaching, satisfactory performance. Performance indicates a partial understanding and limited display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content. The student may need additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

Satisfactory academic performance indicating a solid understanding and adequate display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content.

Superior academic performance indicating an in-depth understanding and exemplary display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content.

Algebra I

Timothy Johnson



Module 1 Operations and Linear Equations & Inequalities		
Result	Scale Score	Test Date
Passed	1508	Winter 2012/2013

Module 2 Linear Functions and Data Organization		
Result	Scale Score	Test Date
Passed	1565	Spring 2013

Total Test ¹	
Scale Score	Performance Level
1538	Proficient

Highest Total Test Scale Score to Date ²

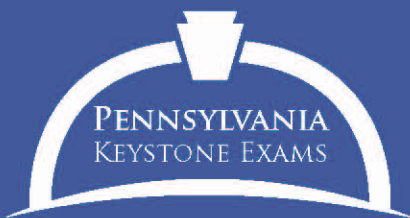
Scores to Date	Did Not Test	N/A	Spring 2013
	Passed	1508	Winter 2012/2013

Passed	1565	Spring 2013
Not Passed	1450	Winter 2012/2013

¹The scale score for the Total Test reflects the highest score computed as the combination of the two highest module scores to date. Given that modules contain varying item content and difficulty, the total scale score may not equal the average of the modules. No score indicates student did not receive a score on both modules.

²Students who do not score Proficient on the Total Test may choose to take the test more than once.





Student Report

Student Name: TIMOTHY JOHNSON
PA Student ID: *****43722
School: PENNSYLVANIA HS
District: PENNSYLVANIA AREA SD
Test Date: Spring 2013
Grade: 9

Content Area:
Literature



Student's Keystone Exam Result			
			Goal Range
Below Basic	Basic	Proficient	Advanced
		✓	

Dear Family:

This report provides information about your child's recent performance on a Pennsylvania test known as the Keystone Exam. On this page, you can see your child's overall performance – below basic, basic, proficient or advanced.

Within this report, you will find specific information about your child's performance on the Literature Keystone Exam. It displays your child's Highest Total Test Scale Score to Date for Module 1 and Module 2. Module 1 assesses Fiction Literature, and Module 2 assesses Nonfiction Literature.

For detailed information about the Keystone exams, please visit the Pennsylvania Department of Education's Standards Aligned System website at www.pdesas.org, or contact your child's school.

Sincerely,

Carolyn C. Dumaresq, Ed.D.
Acting Secretary of Education

About the Keystone Exams

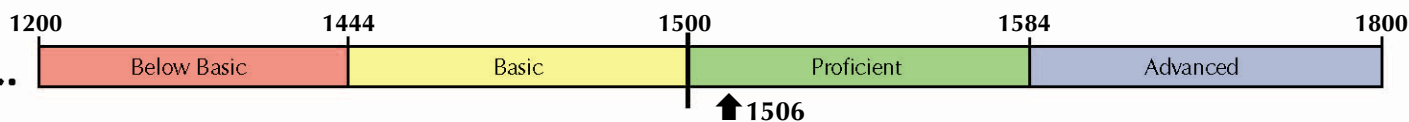
The Keystone Exams are administered to students near the end of specific courses and include Algebra I, Biology, and Literature. Keystone Exam results will help determine whether or not a student has mastered the standards associated with earning a high school diploma. The Keystone Exams are taken by students in grade 11 to meet federal and state accountability requirements for high schools. Students not in grade 11 who have completed a Keystone-related course may also take a Keystone Exam and have their scores banked for grade 11 federal accountability reporting until they are in grade 11. The Keystone Exams are offered in both paper/pencil and online formats.

Keystone Exams are one component of Pennsylvania's system of high school graduation requirements affecting students in the class of 2017 and beyond. These tests were developed by Pennsylvania educators and are aligned to the standards adopted by the Pennsylvania State Board of Education. The results help students, parents and educators understand how well we are meeting rigorous expectations for student achievement in core subject areas.

For more information about the Keystone Exams, please visit the Pennsylvania Department of Education's Standards Aligned System website at www.pdesas.org (select "Assessments" and then "Keystone Exams").

Performance Level on Total Test

Student's highest total test scale score to date is indicated by the (↑). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 1490-1522.



Inadequate academic performance that indicates little understanding and minimal display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content. There is a major need for additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

Marginal academic performance, work approaching, but not yet reaching, satisfactory performance. Performance indicates a partial understanding and limited display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content. The student may need additional instructional opportunities and/or increased student academic commitment to achieve the Proficient level.

Satisfactory academic performance indicating a solid understanding and adequate display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content.

Superior academic performance indicating an in-depth understanding and exemplary display of the skills included in the Keystone Exams Assessment Anchors & Eligible Content.

Literature

Timothy Johnson



Module 1 Fiction		
Result	Scale Score	Test Date
Passed	1508	Spring 2013

Module 2 Nonfiction		
Result	Scale Score	Test Date
Passed	1504	Spring 2013

Total Test ¹	
Scale Score	Performance Level
1506	Proficient

Highest Total Test Scale Score to Date ²

Scores to Date	Result	Scale Score	Test Date
	Passed	1508	Spring 2013
	Not Passed	1496	Winter 2012/2013

Passed	1504	Spring 2013
Not Passed	1487	Winter 2012/2013

¹The scale score for the Total Test reflects the highest score computed as the combination of the two highest module scores to date. Given that modules contain varying item content and difficulty, the total scale score may not equal the average of the modules. No score indicates student did not receive a score on both modules.

²Students who do not score Proficient on the Total Test may choose to take the test more than once.



Dear Parents:



I am pleased to provide you with information about your child's performance on the 2013 Pennsylvania System of School Assessment (PSSA) exam. The annual PSSA is a standards-based assessment used to measure a student's attainment of the academic standards while also determining the degree to which school programs enable students to attain academic proficiency.

For additional information about the PSSA, visit the Pennsylvania Department of Education's website at www.education.state.pa.us, or contact your child's school.

Student Name: MATTHEW MILLER
PA Student ID: *****45154
School: PENNSYLVANIA JSHS
District: PENNSYLVANIA AREA SD
Test Date: Spring 2013
Grade: 8

Sincerely,
 William E. Harner, Ph.D.
 Acting Secretary of Education

MATHEMATICS		
How did MATTHEW perform OVERALL?		
Performance Level: Advanced	Score: 1470	
Your student's score is indicated by the ↑. If your student were to test again, his or her score would likely remain in the following range: 1419–1521.		
How did MATTHEW perform by REPORTING CATEGORY?		
Reporting Categories	Student's Points	Total Points Possible
Numbers and Operations	11	15
Measurement	7	11
Geometry	10	13
Algebraic Concepts	16	20
Data Analysis and Probability	10	13

WRITING		
How did MATTHEW perform OVERALL?		
Performance Level: Proficient	Score: 1516	
Your student's score is indicated by the ↑. If your student were to test again, his or her score would likely remain in the following range: 1463–1569.		
How did MATTHEW perform by REPORTING CATEGORY?		
Reporting Categories	Student's Points	Total Points Possible
Composition	60	80
<i>Informational</i>	30	40
<i>Persuasive</i>	30	40
Revising and Editing	15	20
<i>Informational</i>	3	4
<i>Persuasive</i>	3	4
<i>Multiple Choice</i>	9	12

READING		
How did MATTHEW perform OVERALL?		
Performance Level: Advanced	Score: 1631	
Your student's score is indicated by the ↑. If your student were to test again, his or her score would likely remain in the following range: 1547–1715.		
How did MATTHEW perform by REPORTING CATEGORY?		
Reporting Categories	Student's Points	Total Points Possible
Comprehension and Reading Skills	16	21
Interpretation and Analysis of Fictional and Nonfictional Text	24	31

SCIENCE		
How did MATTHEW perform OVERALL?		
Performance Level: Proficient	Score: 1398	
Your student's score is indicated by the ↑. If your student were to test again, his or her score would likely remain in the following range: 1342–1454.		
How did MATTHEW perform by REPORTING CATEGORY?		
Reporting Categories	Student's Points	Total Points Possible
The Nature of Science	26	33
Biological Sciences	11	12
Physical Sciences	6	11
Earth and Space Sciences	8	12

Note that the performance level line graphs are not drawn to scale because some performance levels have more scaled score points than others. Additionally, the graphs do not display the actual percentage of students in each performance level.

Appendix J: CDT Report Training Simulation

DRC Simulation Mathematics G7



pennsylvania
DEPARTMENT OF EDUCATION

C L A S S R O O M

DIAGNOSTIC TOOLS

Logging on to eDIRECT

<https://pa.drcedirect.com>

pennsylvania
DEPARTMENT OF EDUCATION

SAS Standards Aligned System

Log On

General Information

Minimum Browser Requirements
Documents

Test Setup

DATA RECOGNITION
DRC
CORPORATION

Close Menu

Welcome to
eDIRECT

Pennsylvania Department of Education (PDE) in partnership with Data Recognition Corporation (DRC) welcomes Pennsylvania educators to eDIRECT!

This website enables you to access links to program tools and provides information for the following Pennsylvania testing programs:

- Pennsylvania System of School Assessment (PSSA)
- Keystone Exams
- Classroom Diagnostic Tools (CDT)

To access program content, authorized personnel need to log on to the secure website with their email address and password. To log on, click the **Log On** link in the upper right of this page.

[CDT New User Registration Form](#)
[Voluntary Model Curriculum User Registration Form](#)

ONLINE TOOLS TRAINING SOFTWARE DOWNLOAD

To download a publicly accessible Online Tools Training ONLY version of the Pennsylvania Online Assessment Software, please click on the download links below. The full versions of the Pennsylvania Online Assessment Software can only be accessed via secure PA eDIRECT login. Please ensure that the auto-update function is enabled, otherwise, the software must be uninstalled prior to the installation of an updated version.

Logging on to eDIRECT

The screenshot shows the eDIRECT login interface. At the top left is the Pennsylvania Department of Education logo and the SAS Standards Aligned System logo. A navigation menu on the left includes 'General Information', 'Minimum Browser Requirements', 'Documents', and 'Test Setup'. The main content area says 'Welcome to eDIRECT' and lists testing programs: Pennsylvania System of School Assessment, Keystone Exams, and Classroom Diagnostic Tools (CDT). A 'Log On' dialog box is centered, containing fields for 'Email Address' (filled with 'demoteacher14@drc-mn.com') and 'Password' (filled with dots). Below the fields are 'Log On' and 'Cancel' buttons, and a 'Forgot Password?' link. A 'Log On' button is also visible in the top right corner of the page.

Email Address: demoteacher14@drc-mn.com

Password: Simulation14

You are now able to use the CDT Reporting Tools and the simulation

General Information

Manage Users

Reporting Tools

Interactive Reports

eMetric Data Interaction™

Test Setup

DATA RECOGNITION
DRC
CORPORATION

Welcome to
eDIRECT

Congratulations, you have successfully logged on.

Several helpful links are just a click away. Please take time to familiarize yourself with the navigation menu on the left. The menu provides access to important Pennsylvania assessment and administrative tools.

If you are having difficulty navigating through the site, please review the instructions at the top of each page, review the user guides within the Documents tab, or contact our customer support team.

(800) 451-7849	Pennsylvania System of School Assessment (PSSA) and Keystone Exams
(888) 551-6935	Classroom Diagnostic Tools (CDT)
PAcustomerservice@datarecognitioncorp.com	

Select Reporting Tools and then
Interactive Reports

Select Teacher, Demo (151224152) from the Teacher dropdown menu.

pennsylvania
DEPARTMENT OF EDUCATION

SAS Standards Aligned System

Welcome Demo Teacher!
Home | Log Off

Student Diagnostic Maps

[+ Instructions](#)

* Indicates required fields

Administration: CDT Training DEMO Sprir *

District: PA DEMO DISTRICT - 44 *

School: PA DEMO SCHOOL - 000 *

Last Name:

First Name:

PAsecureID:

Grade:

Teacher:

Student Group:

Select Gr 7 Mathematics Administration #1 from the Student Group dropdown menu.

The screenshot displays the 'Student Diagnostic Maps' interface. On the left is a navigation menu with options: General Information, Manage Users, Reporting Tools, Interactive Reports (eMetric Data Interaction), and Test Setup. The main content area is titled 'Student Diagnostic Maps' and includes an 'Instructions' link. A red asterisk indicates required fields. The form contains the following fields:

- Administration: CDT Training DEMO Sprir *
- District: PA DEMO DISTRICT - 44 *
- School: PA DEMO SCHOOL - 000 *
- Last Name: [Empty]
- First Name: [Empty]
- PASecureID: [Empty]
- Grade: [Empty]
- Teacher: Teacher, Demo (1512241)
- Student Group: [Open dropdown menu]

The 'Student Group' dropdown menu is open, showing the following options:

- Gr 7 Mathematics Administration #1 (highlighted)
- Gr 7 Mathematics Administration #2
- Gr 7 Mathematics Administration #3
- Gr 7 Science Administration #1
- Gr 7 Science Administration #2
- Gr 7 Science Administration #3

At the bottom left of the form are two buttons: 'Continue' and 'Clear'.


Click the *Continue* button.


Select Mathematics Grade 7 from the Map Configuration dropdown menu.

[Continue](#) [Clear](#)


Group Map **Individual Map** Group Learning Progression Map



[+ Instructions](#)

Begin Date
9/1/2013 *

Content Area 

Mathematics Grade 7

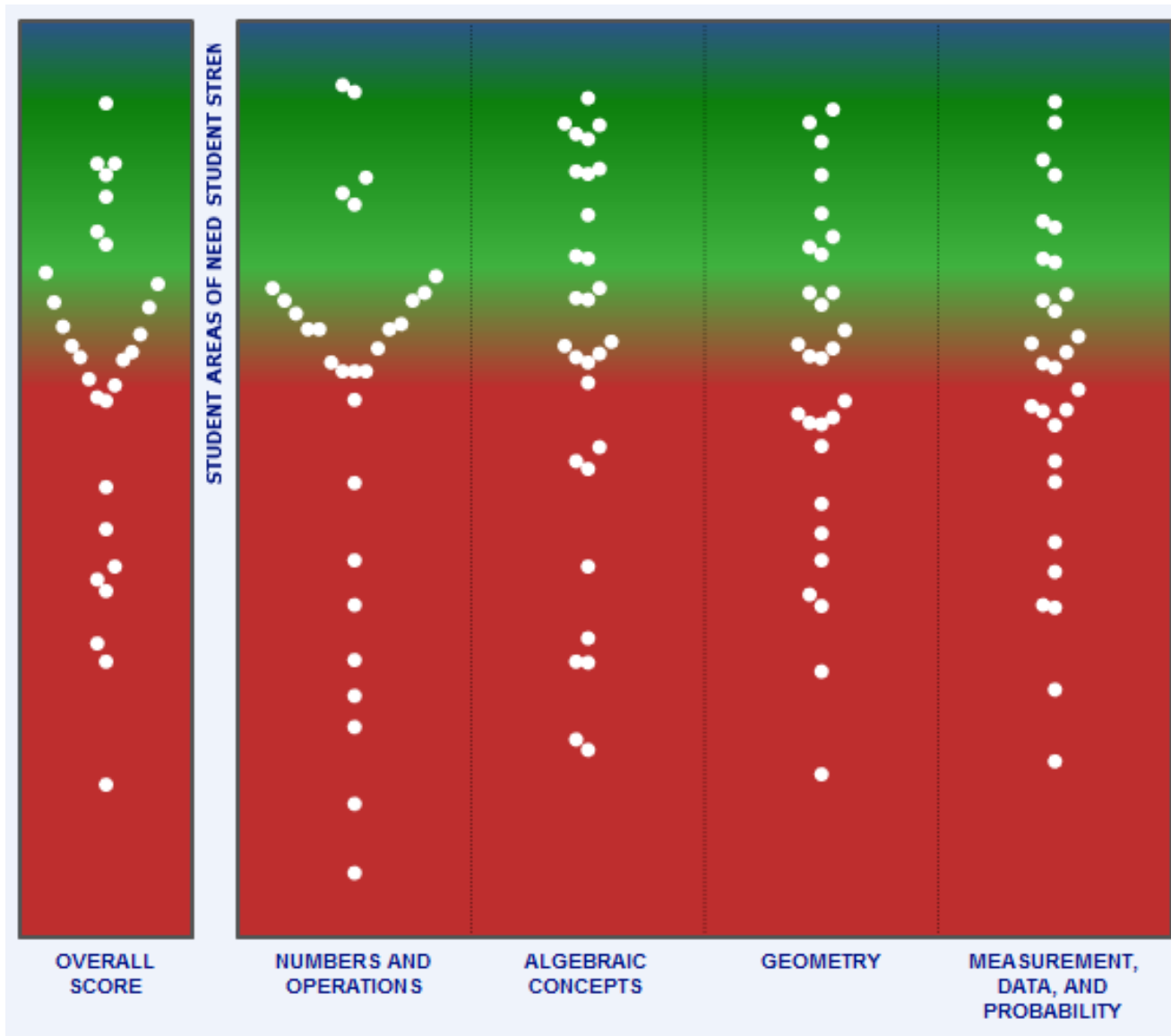
Mathematics Grade 4 Lower Grades
Mathematics Grade 5
Mathematics Grade 5 Lower Grades
Mathematics Grade 6
Mathematics Grade 8
Reading Grade 2 Lower Grades
Reading Grade 3 Lower Grades
(Select) *

ory  Range 

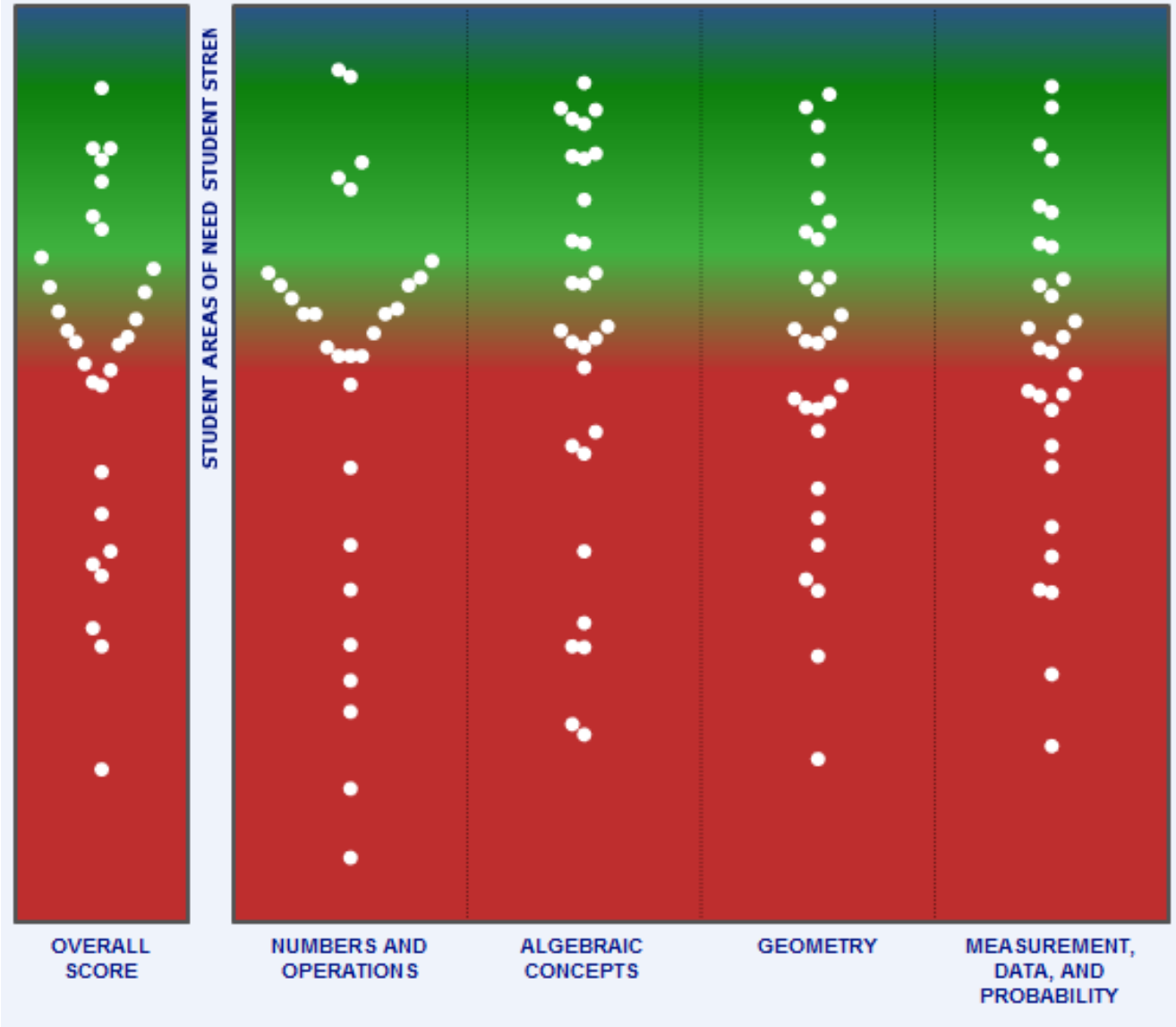
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[Home](#)

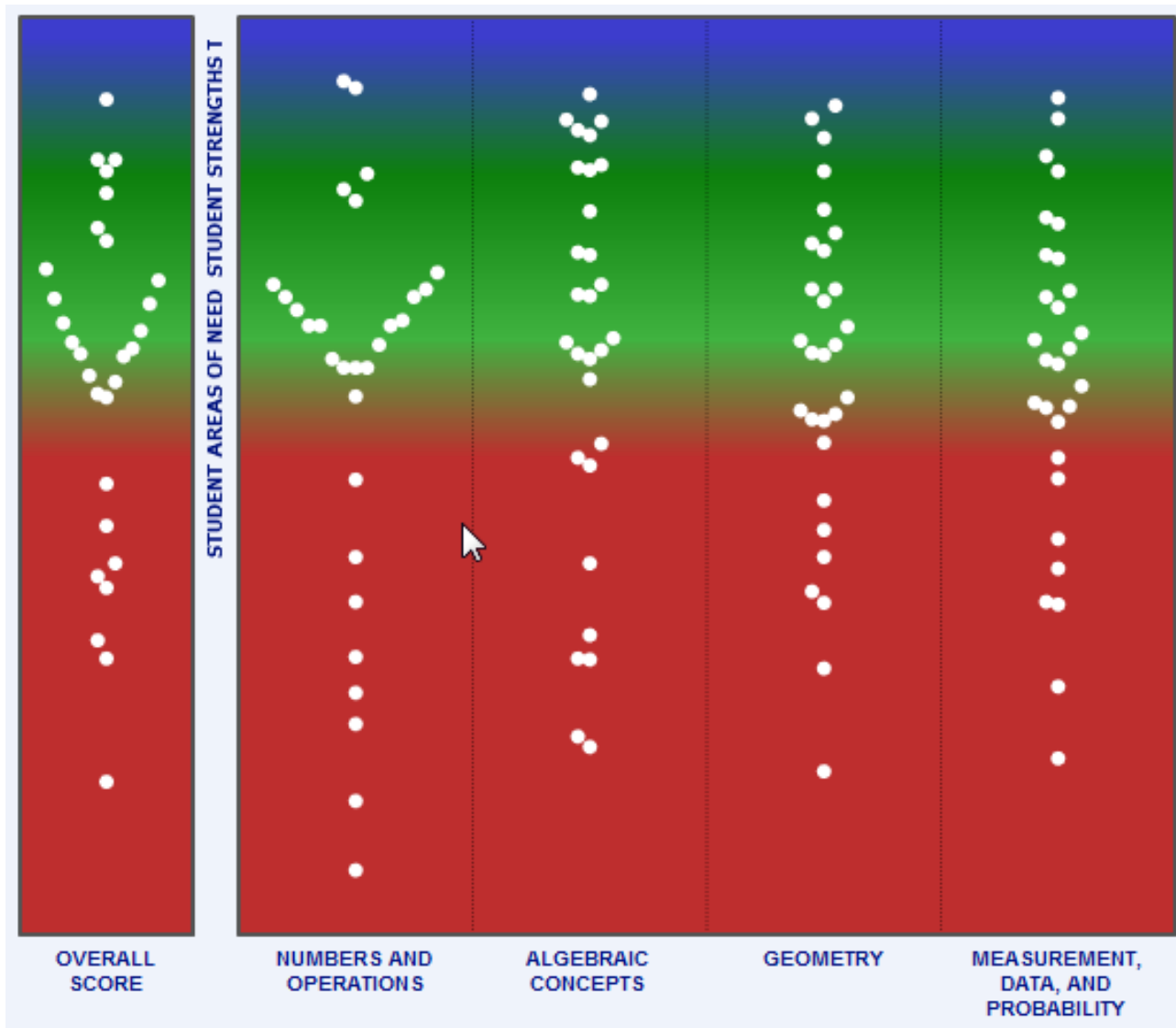
The Group Diagnostic Map for Mathematics Grade 7



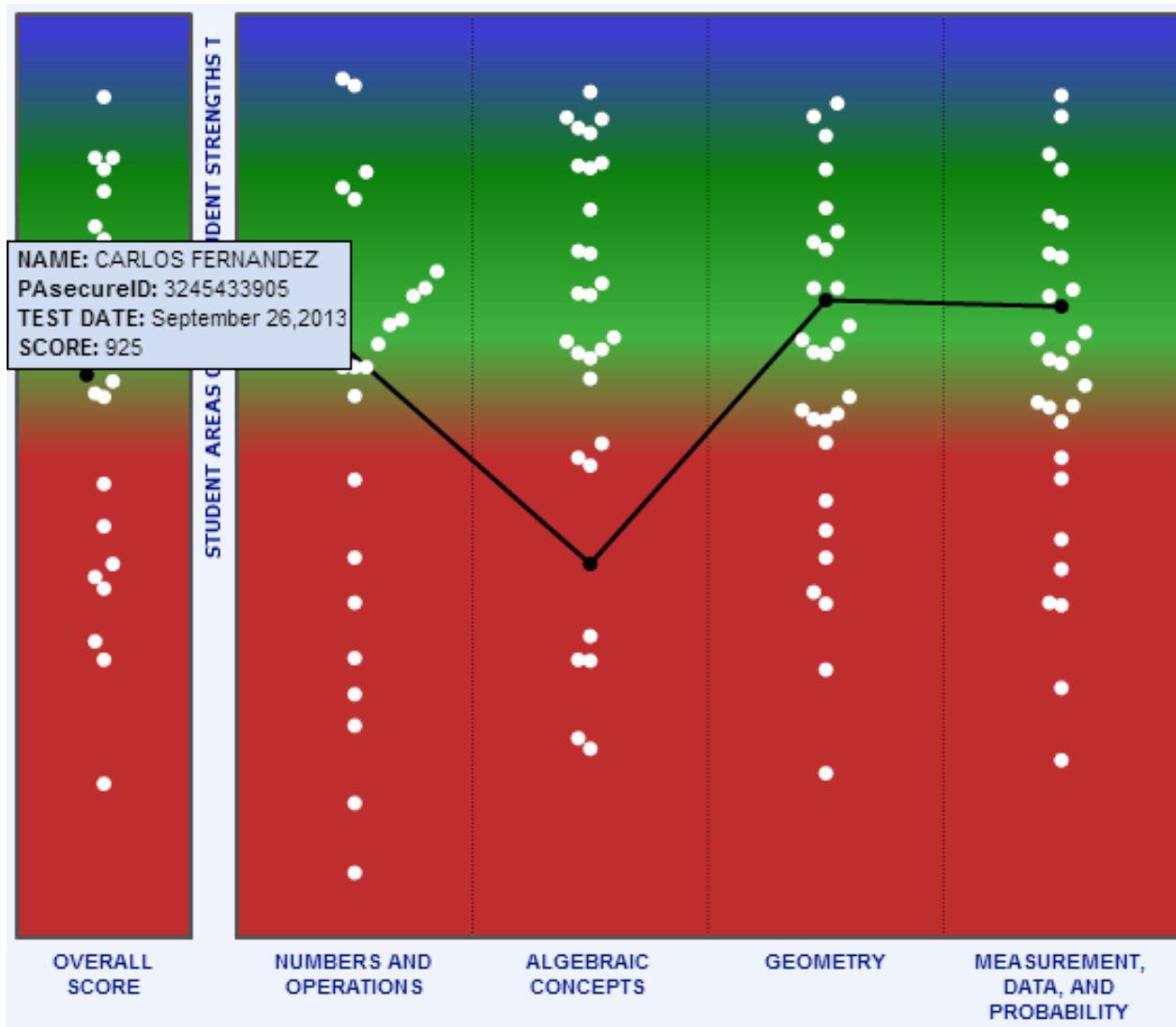
Elements of the Group Diagnostic Map



Using the Mathematics Grade 6 Map Configuration



Using the Mathematics Grade 6 Map Configuration



Grid View of Diagnostic Map

29 of 29 Students have tested									
<input type="checkbox"/>	First Name	Last Name	PAscoreID	Overall Score ▲	NUMBERS AND OPERATIONS	ALGEBRAIC CONCEPTS	GEOMETRY	MEASUREMENT, DATA, AND PROBABILITY	Test Date
<input type="checkbox"/>	MICAH	JONES	1743810881	609	540	644	617	627	09/26/2013
<input type="checkbox"/>	CORBIN	BROWN	2604303159	705	594	636	805	798	09/26/2013
<input type="checkbox"/>	DEVON	HAWKINS	3171355833	719	654	723	757	747	09/26/2013
<input type="checkbox"/>	VICTORIA	MORALES	2308789379	760	678	704	828	845	09/26/2013
<input type="checkbox"/>	KEETON	BANKS	2431328503	769	844	872	697	683	09/26/2013
<input type="checkbox"/>	PIPER	ROBERTS	3347812263	779	706	861	784	775	09/26/2013
<input type="checkbox"/>	RORY	ALVAREZ	1029338566	808	749	987	748	749	09/26/2013
<input type="checkbox"/>	LUIS	CHAPMAN	3054593207	841	931	705	873	861	09/26/2013
<input type="checkbox"/>	KELLY	PETERSON	3589378328	908	784	945	952	958	09/26/2013
<input type="checkbox"/>	JAMIE	GARCIA	2511509032	911	909	938	895	901	09/26/2013
<input type="checkbox"/>	TAYLOR	HALL	1051630746	920	931	855	949	946	09/26/2013
<input type="checkbox"/>	CARLOS	FERNANDEZ	3245433905	925	964	779	983	978	09/26/2013
<input type="checkbox"/>	STEPHANIE	PEREZ	1731659431	940	949	1021	890	900	09/26/2013
<input type="checkbox"/>	MORGAN	SIMPSON	1104464624	942	938	951	941	937	09/26/2013
<input type="checkbox"/>	JAYDEN	MONTGOMERY	1171919492	946	964	996	908	917	09/26/2013
<input type="checkbox"/>	JONATHAN	ROSE	1700693913	951	986	942	943	934	09/26/2013
<input type="checkbox"/>	SIDNEY	GORDON	1741361184	960	1005	1053	898	889	09/26/2013
<input type="checkbox"/>	MYLES	BURKE	3410710094	966	976	1087	891	904	09/26/2013
<input type="checkbox"/>	ANDRE	SCOTT	3281758932	981	992	954	992	986	09/26/2013
<input type="checkbox"/>	MACKENZIE	EDWARDS	2459630069	985	968	988	992	991	09/26/2013
<input type="checkbox"/>	BAILEY	MOORE	2028190876	999	964	1112	963	953	09/26/2013
<input type="checkbox"/>	MATTHEW	HARRISON	1267501979	1008	1070	922	1022	1016	09/26/2013
<input type="checkbox"/>	GUADALUPE	HERNANDEZ	2119295387	1030	986	1089	1028	1019	09/26/2013
<input type="checkbox"/>	ELIZABETH	LARSEN	1155360869	1040	931	1019	1110	1096	09/26/2013
<input type="checkbox"/>	HAYDEN	DUNN	2579043535	1067	1061	1123	1036	1043	09/26/2013
<input type="checkbox"/>	ETHAN	GARDNER	1678977292	1084	996	1085	1135	1125	09/26/2013
<input type="checkbox"/>	REESE	DEAN	1014138124	1093	1082	1124	1084	1084	09/26/2013
<input type="checkbox"/>	AVERY	WILLIAMS	1133137229	1093	1154	1116	1054	1048	09/26/2013
<input type="checkbox"/>	ADDISON	CAMPBELL	3503623051	1140	1149	1144	1125	1141	09/26/2013

Show Selected Students

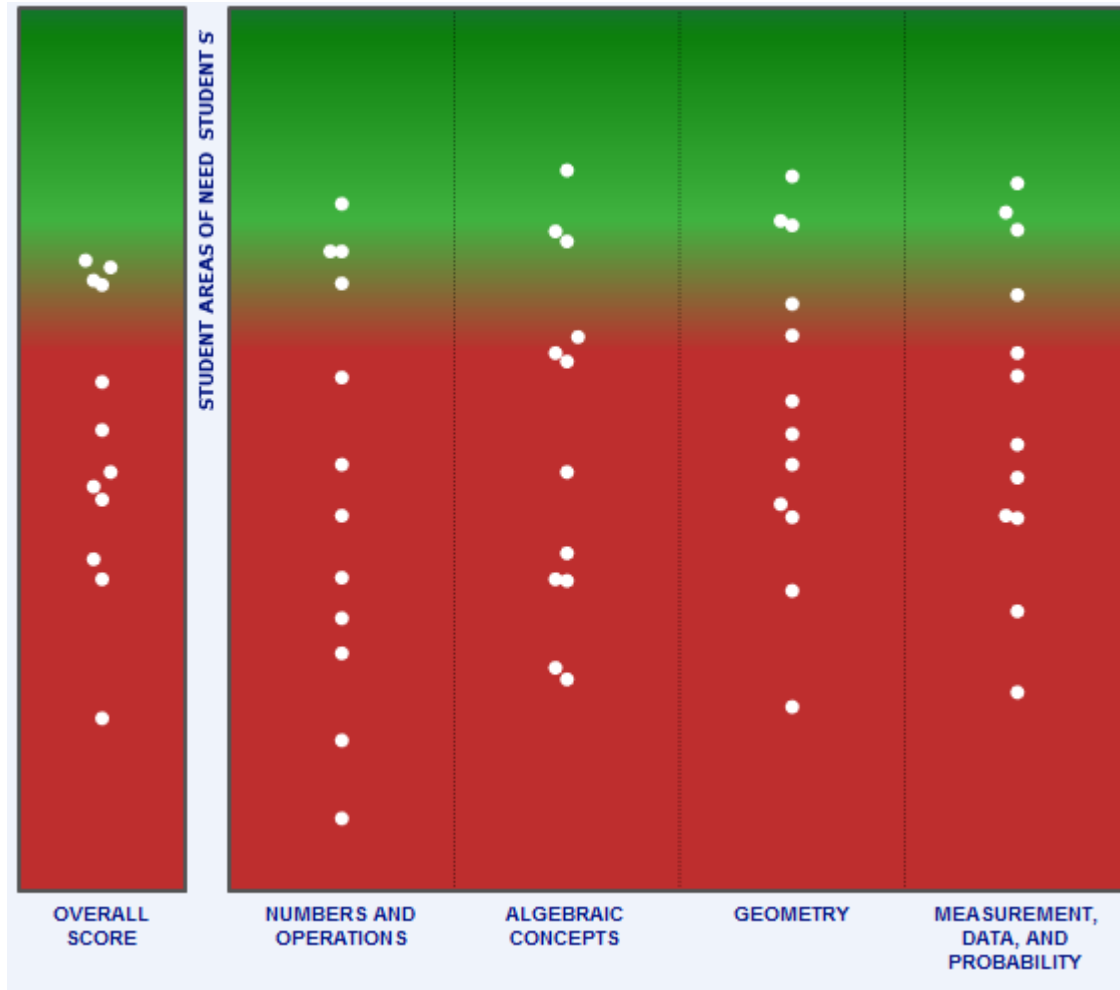
Export to CSV

Export to PDF

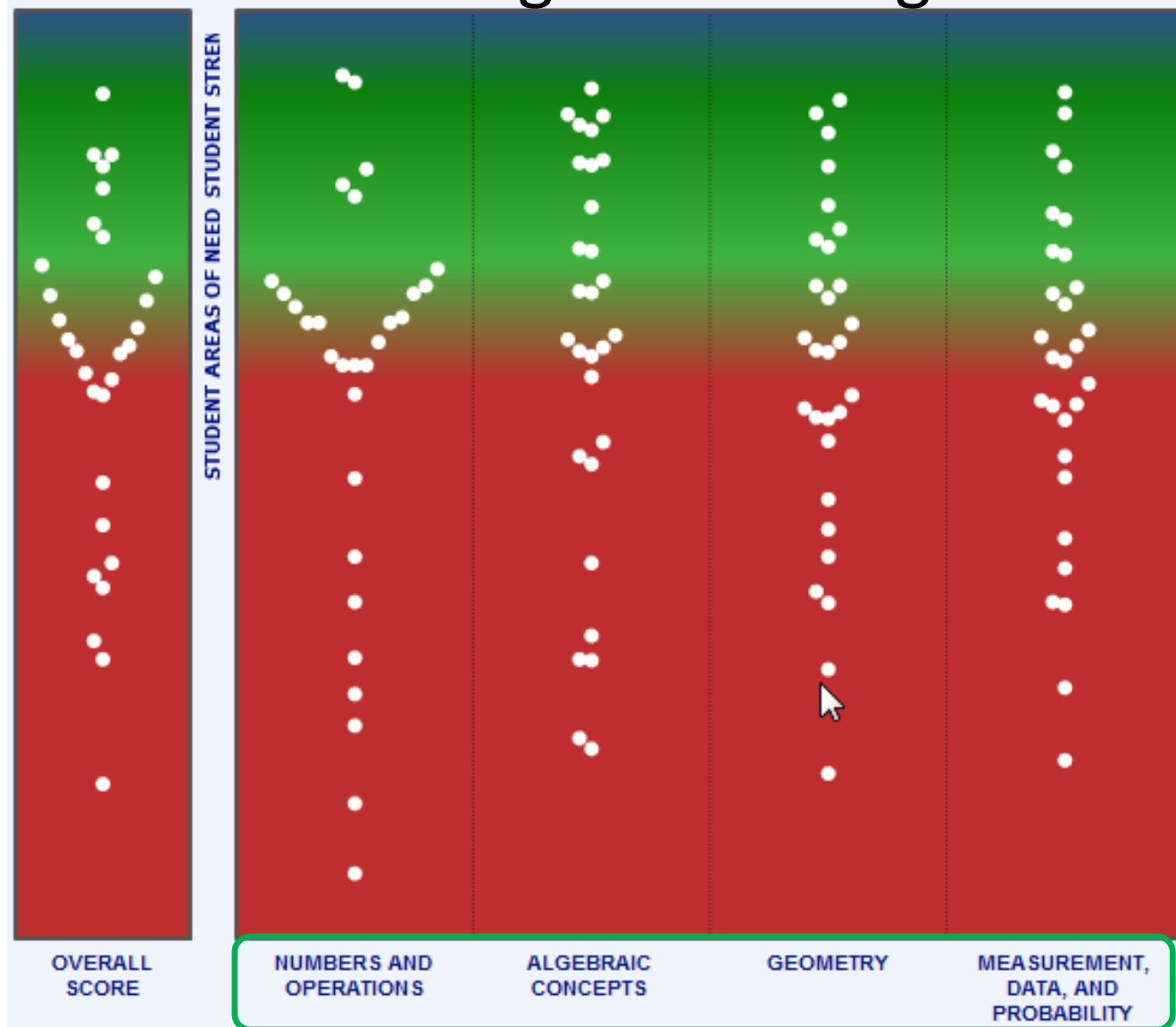
Export to Zip

Export Individual Reports

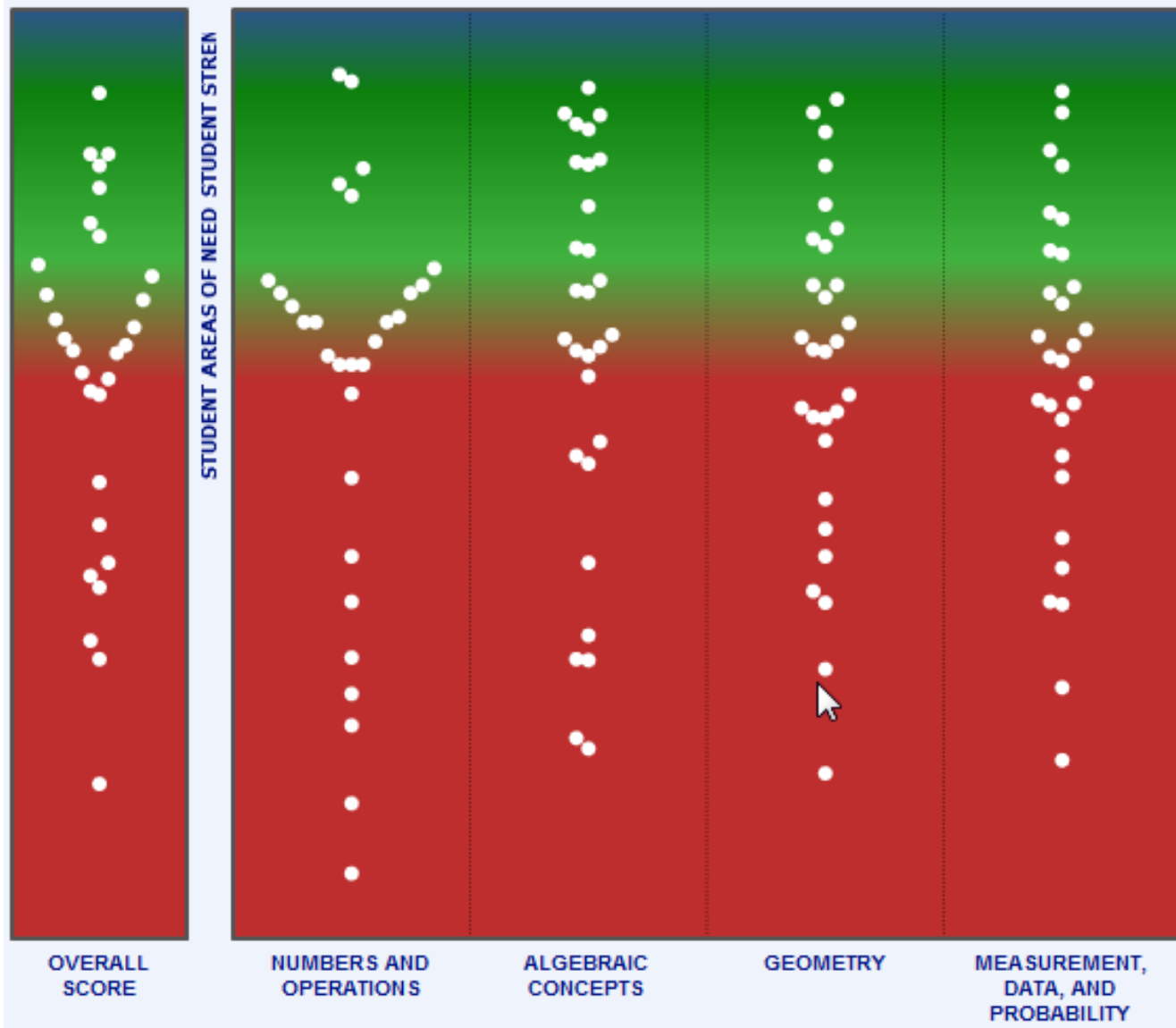
Show Selected Students



Focus on Diagnostic Categories



Examining Student Scores



Group Learning Progression Map

Eligible Content	Summary	Count of Green	Count of Red	ALVAREZ, RORY (1029338566)	BANKS, KEETON (2431328503)	BROWN, CORBIN (2604303159)	BURKE, MYLES (3410710094)	CAMPBELL, ADDISON (3503623051)	CHAPMAN, LUIS (3054593207)	DEAN, REESE (1014138124)	DUNN, HAYDEN (2579043535)	EDWARDS, MACKENZIE (2459630069)	FERNANDEZ, CARLOS (3245433905)	GARCIA, JAMIE (2511509032)	GARDNER, ETHAN (1678977292)	GORDON, SIDNEY (1741361184)	HALL, TAYLOR (1051630746)	HARRISON, MATTHEW (1267501979)	HAWKINS, DEVON (3171355833)	HERNANDEZ, GUADALUPE (2119295387)	JONES, MICAH (1743810881)	LARSEN, ELIZABETH (1155360869)	MONTGOMERY, JAYDEN (1171919492)	MOORE, BAILEY (2028190876)	MORALES, VICTORIA (2308789379)	PEREZ, STEPHANIE (1731659431)	PETERSON, KELLY (3589378328)	ROBERTS, PIPER (3347812263)	ROSE, JONATHAN (1700693913)	SCOTT, ANDRE (3281758932)	SIMPSON, MORGAN (1104464624)	WILLIAMS, AVERY (1133137229)				
A2.2.3.1.1																																				
Data Analysis and Probability																																				
CC.2.4.KA.4																																				
M06.D-S.1.1.2	✘	7	18	✘	✘	✘	✘		✘	✘		✘	✔	✘		✘	✘	✔	✘	✔	✔	✘	✔		✘	✘	✘	✘	✔	✔	✔	✔	✔	✘		
M06.D-S.1.1.3	✘	7	15	✘	✘	✘		✔	✔	✔	✔	✔	✘	✘	✔	✔	✘		✘	✘	✘	✘	✘						✘	✘	✘					
M06.D-S.1.1.4	✘	3	4					✔	✘			✘						✔		✘				✘		✔										
A1.2.3.1.1																																				
A1.2.3.2.1																																				
A1.2.3.2.2																																				
A1.2.3.2.3																																				
A2.2.3.1.2																																				
M07.D-S.1.1.1	✔	1	1					✔							✘																					
M07.D-S.1.1.2	✔	3	1							✔								✘					✔											✔		
M07.D-S.3.1.1	✘	8	4	✔	✘	✔	✔		✘					✔					✘		✘				✔		✔	✔	✔	✔	✔	✔	✔	✔	✔	
M07.D-S.3.2.1	✘	5	9			✘	✘	✔		✔	✘	✘		✔				✘	✘		✘	✘				✔	✔	✔	✔	✘	✘	✔	✔	✔	✔	
M07.D-S.3.2.2	✘	4	23	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘		✘	✔	✘		✔	✘	✔	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✘	✘	✘	
M07.D-S.3.2.3	✘	8	19	✘	✘	✔	✔	✘	✘	✘	✘	✘	✘	✔	✘	✘	✔	✘	✘		✘	✔	✔	✔	✔	✔	✔	✔	✘	✘	✘	✘	✔	✔	✔	
A1.2.3.3.1																																				

Group Learning Progression Map

Eligible Content	Summary	Count of Green	Count of Red	ALVAREZ, RORY (1029338566)	BANKS, KEETON (2431328503)	BROWN, CORBIN (2604303159)	BURKE, MYLES (3410710094)	CAMPBELL, ADDISON (3503623051)	CHAPMAN, LUIS (3054593207)	DEAN, REESE (1014138124)	DUNN, HAYDEN (2579043535)	EDWARDS, MACKENZIE (2459630069)	FERNANDEZ, CARLOS (3245433905)	GARCIA, JAMIE (2511509032)	GARDNER, ETHAN (1678977292)	GORDON, SIDNEY (1741361184)	HALL, TAYLOR (1051630746)	HARRISON, MATTHEW (1267501979)	HAWKINS, DEVON (3171355833)	HERNANDEZ, GUADALUPE (2119295387)	JONES, MICAH (1743810881)	LARSEN, ELIZABETH (1155360869)	MONTGOMERY, JAYDEN (1171919492)	MOORE, BAILEY (2028190876)	MORALES, VICTORIA (2308789379)	PEREZ, STEPHANIE (1731659431)	PETERSON, KELLY (3589378328)	ROBERTS, PIPER (3347812263)	ROSE, JONATHAN (1700693913)	SCOTT, ANDRE (3281758932)	SIMPSON, MORGAN (1104464624)	WILLIAMS, AVERY (1133137229)			
A2.2.3.1.1																																			
Data Analysis and Probability																																			
CC.2.4.KA.4																																			
M06.D-S.1.1.2	✖	7	18	✖	✖	✖	✖		✖	✖		✖	✔	✖		✖	✖	✔	✖	✔	✔	✔	✔		✖	✖	✖	✖	✔	✔	✔	✔	✔	✖	
M06.D-S.1.1.3	✖	7	15	✖	✖	✖		✔	✔	✔	✔	✔	✖	✖	✔	✔	✖		✖	✖	✖	✖	✖	✖					✖	✖	✖				
M06.D-S.1.1.4	✖	3	4					✔	✖			✖					✔			✖					✖	✔									
A1.2.3.1.1																																			
A1.2.3.2.1																																			
A1.2.3.2.2																																			
A1.2.3.2.3																																			
A2.2.3.1.2																																			
M07.D-S.1.1.1	✔	1	1					✔							✖																				
M07.D-S.1.1.2	✔	3	1							✔								✖						✔										✔	
M07.D-S.3.1.1	✖	8	4	✔	✖	✔	✔		✖					✔					✖		✖				✔		✔	✔	✔	✔	✔	✔			
M07.D-S.3.2.1	✖	5	9			✖	✖	✔		✔	✖	✖	✖		✔				✖	✖		✖					✔				✖	✖	✔	✔	
M07.D-S.3.2.2	✖	4	23	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖		✖	✔	✖	✖	✔	✔	✔	✖	✖	✖	✖	✖	✖	✖	✖	✖	✔	✔	✖	✖
M07.D-S.3.2.3	✖	8	19	✖	✖	✔	✔	✖	✖	✖	✖	✖	✖	✔	✖	✖	✔	✖	✖		✔	✔	✖	✔	✔	✖	✖	✔		✖	✖	✖	✔	✔	
A1.2.3.3.1																																			

Sample Item

1. When choosing his team's baseball uniform before each game, Coach Kelly has to select a hat color, jersey color, and sock color. He has 3 choices for hat style including blue. He has 2 choices for jersey color including blue. He has 4 choices for sock color including blue. Coach Kelly chooses a uniform at random. What is the probability he chooses a uniform that has a blue hat, blue jersey, and blue socks?


A. $\frac{1}{24}$




B. $\frac{1}{9}$

C. $\frac{1}{4}$


D. $\frac{1}{3}$

Materials and Resources


 **pennsylvania**
DEPARTMENT OF EDUCATION








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 **Materials & Resources**

-  - Lesson/Unit Plan
-  - Instructional Content
-  - Educational Resources
-  - Assessment
-  - Videos
-  - Web-Based Content
-  - PA Educator Created Content

Materials & Resources - Results

 Classroom Idea: Non-Chance Models	Activity Grade(s):5th Grade
 Spinner Experimentation	Web-based Practice Grade(s):7th Grade, 8th Grade, 9th Grade, 10th Grade, 11th Grade, 12th Grade
 Conditional Probability: Monty Hall Activity	Web-based Practice Grade(s):9th Grade, 10th Grade, 11th Grade, 12th Grade
 Coin Problem	Web-based Practice Grade(s):7th Grade, 8th Grade, 9th Grade, 10th Grade, 11th Grade, 12th Grade

Group Learning Progression Map

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A2.2.3.1.1																																		
Data Analysis and Probability																																		
CC.2.4.KA.4																																		
M06.D-S.1.1.2	✖	7	18	✖	✖	✖	✖		✖	✖		✖	✔	✖		✖	✖	✔	✖	✖	✔	✔	✔	✔		✖	✖	✖	✖	✔	✔	✔	✔	✖
M06.D-S.1.1.3	✖	7	15	✖	✖	✖		✔	✔	✔	✔	✔	✖	✖	✔	✔	✖		✖	✖	✖	✖	✖	✖					✖	✖	✖			
M06.D-S.1.1.4	✖	3	4					✔	✖			✖						✔		✖						✖	✔							
A1.2.3.1.1																																		
A1.2.3.2.1																																		
A1.2.3.2.2																																		
A1.2.3.2.3																																		
A2.2.3.1.2																																		
M07.D-S.1.1.1	✔	1	1					✔							✖																			
M07.D-S.1.1.2	✔	3	1							✔								✖						✔										✔
M07.D-S.3.1.1	✖	8	4	✔	✖	✔	✔		✖					✔					✖	✖	✖	✖			✔		✔	✔	✔	✔				
M07.D-S.3.2.1	✖	5	9			✖	✖	✔		✔	✖	✖	✖		✔				✖	✖		✖				✔		✔	✔	✖	✖	✖		✔
M07.D-S.3.2.2	✖	4	23	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖		✖	✔	✖	✖	✔	✔	✔	✖	✖	✖	✖	✖	✖	✖	✖	✖	✔	✔	✖
M07.D-S.3.2.3	✖	8	19	✖	✖	✔	✔	✖	✖	✖	✖	✖	✖	✔	✖	✖	✔	✖	✖		✖	✔	✖	✔	✔	✖	✖	✔		✖	✖	✖	✔	✔
A1.2.3.3.1																																		

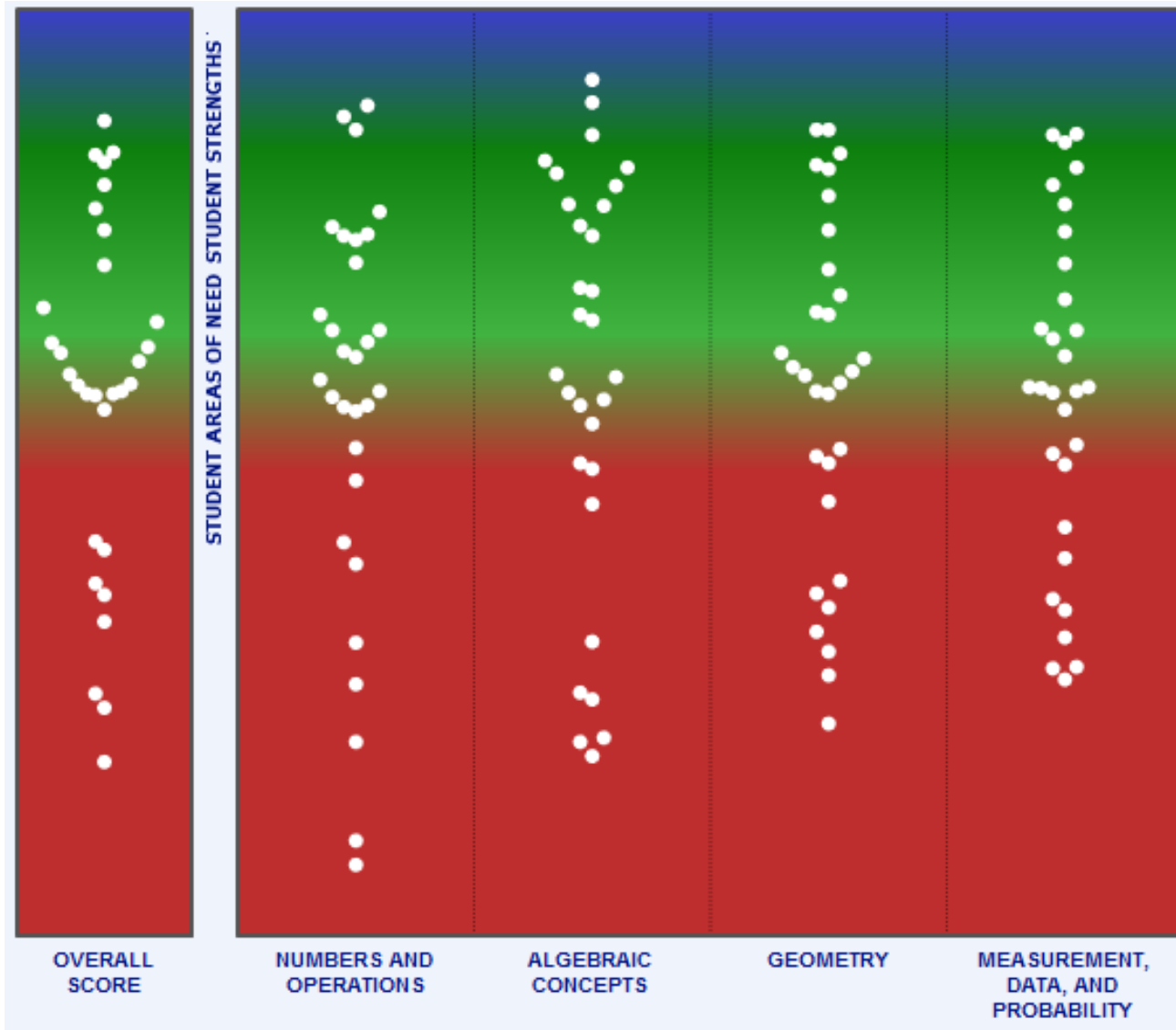


Now open Gr 7 Mathematics Administration #2

- Go to the Student Group dropdown menu and select **Gr 7 Mathematics Administration #2**
- Next click on the ***Continue*** button
- Then select **Mathematics Grade 7** from the Map Configuration dropdown menu

The resulting Group Map represents student scores after the mid-year CDT administration.

Group Map



Individual Learning Progression Map

Student

MADISON HOWELL (5574902834) ▼*

Content Area

▼

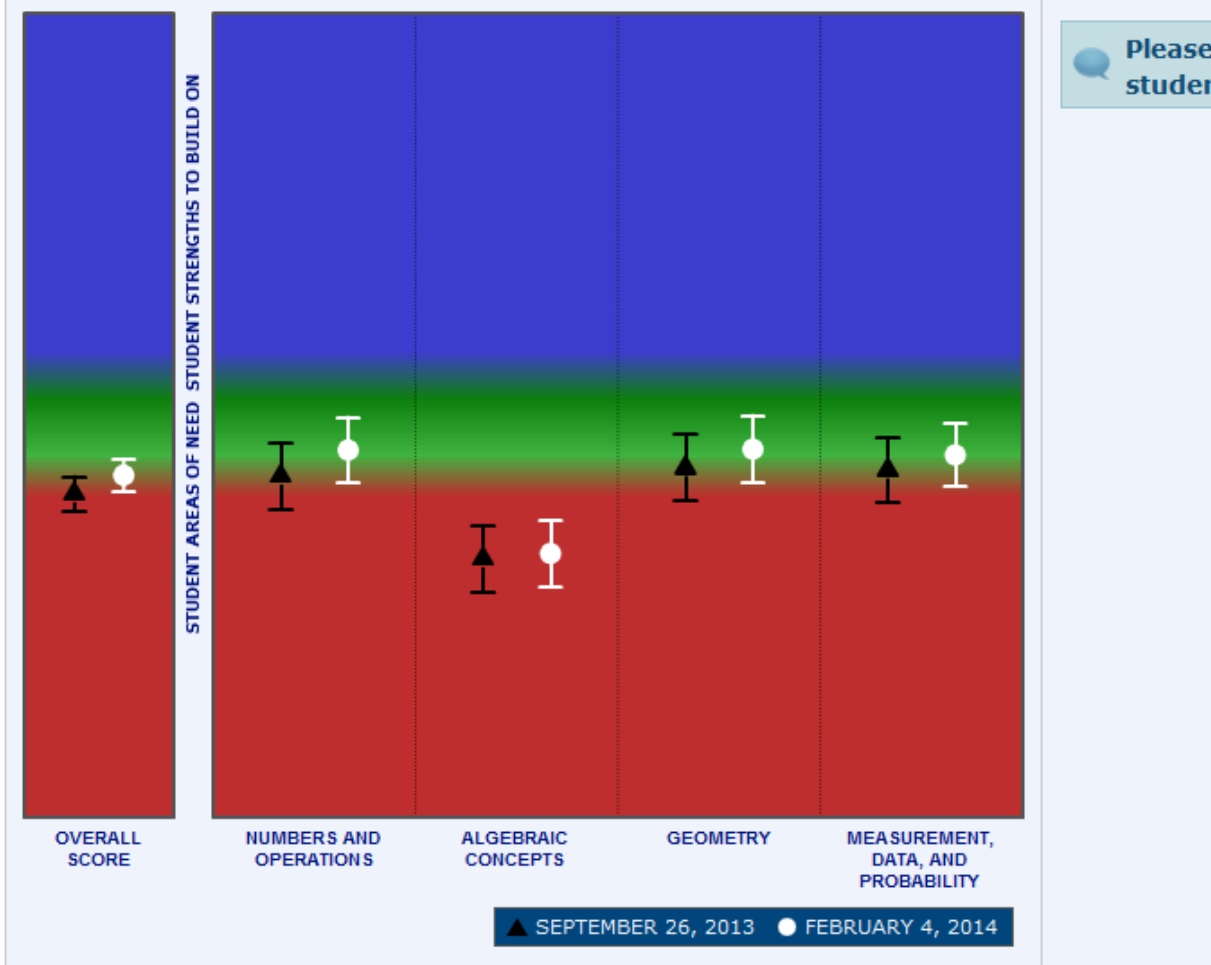
Map Configuration

Mathematics Grade 7 ▼*

Eligible Content	Grades / Courses												
	K	1	2	3	4	5	6	7	8	A1	A2	G	
<input type="checkbox"/> Area and Volume													
CC.2.3.1.A.2													
CC.2.3.2.A.2													
M03.C-G.1.1.3													
M06.C-G.1.1.1													
M06.C-G.1.1.2													
M06.C-G.1.1.3							✖						
M06.C-G.1.1.6							✔						
M07.C-G.2.2.1								✔					
M07.C-G.2.2.2								✖					
M08.C-G.3.1.1									✔				
G.2.3.1.1													
G.2.3.1.2													
G.2.3.1.3													
G.2.3.2.1													✖
G.2.2.2.1													
G.2.2.2.2													

Export to CSV

Individual Map



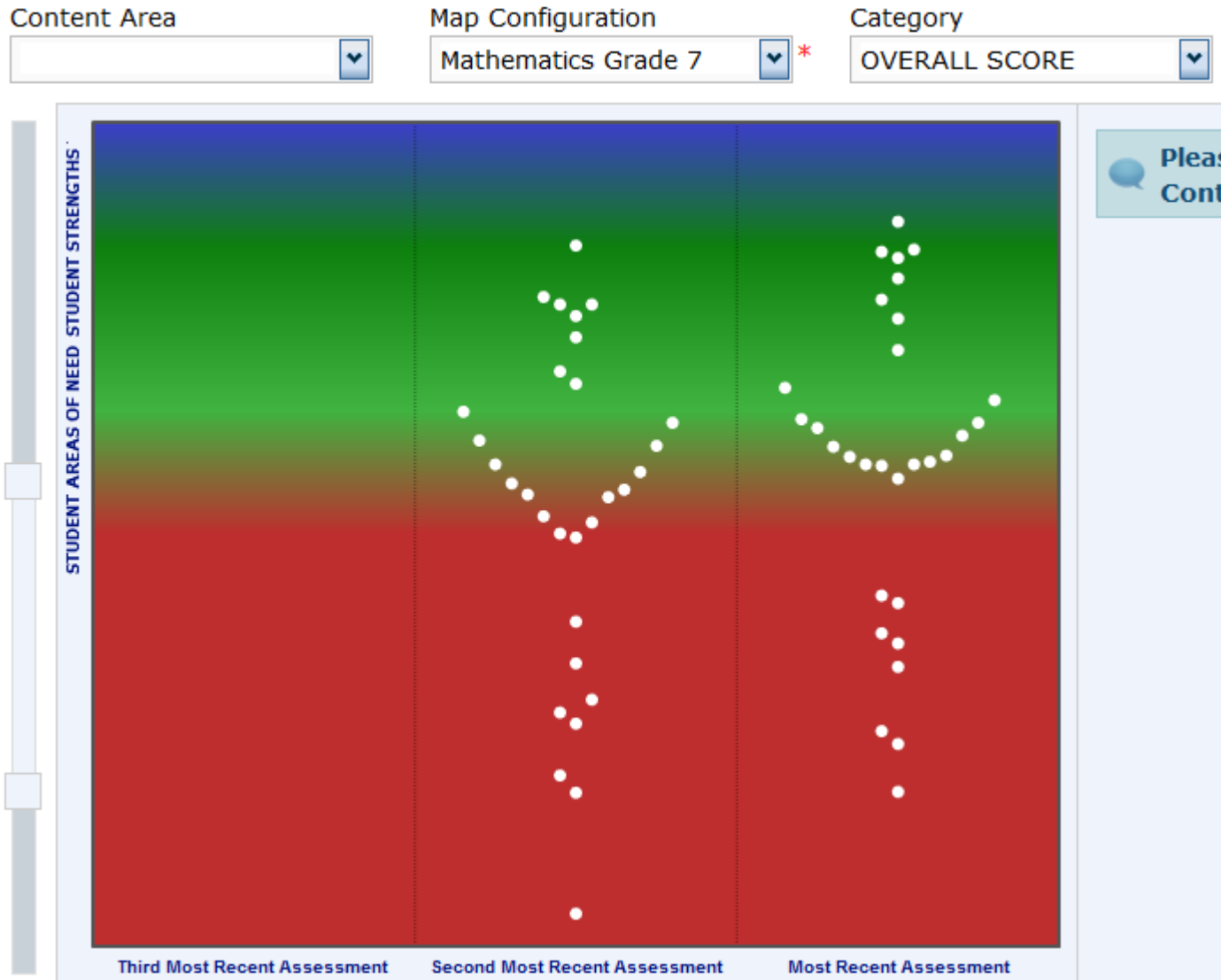
Optimize Zoom

NUMBERS AND OPERATIONS	ALGEBRAIC CONCEPTS	GEOMETRY	MEASUREMENT, DATA, AND PROBABILITY	Overall Score	Test Date
1022	791	1024	1011	966	2/4/2014
964	779	983	978	925	9/26/2013

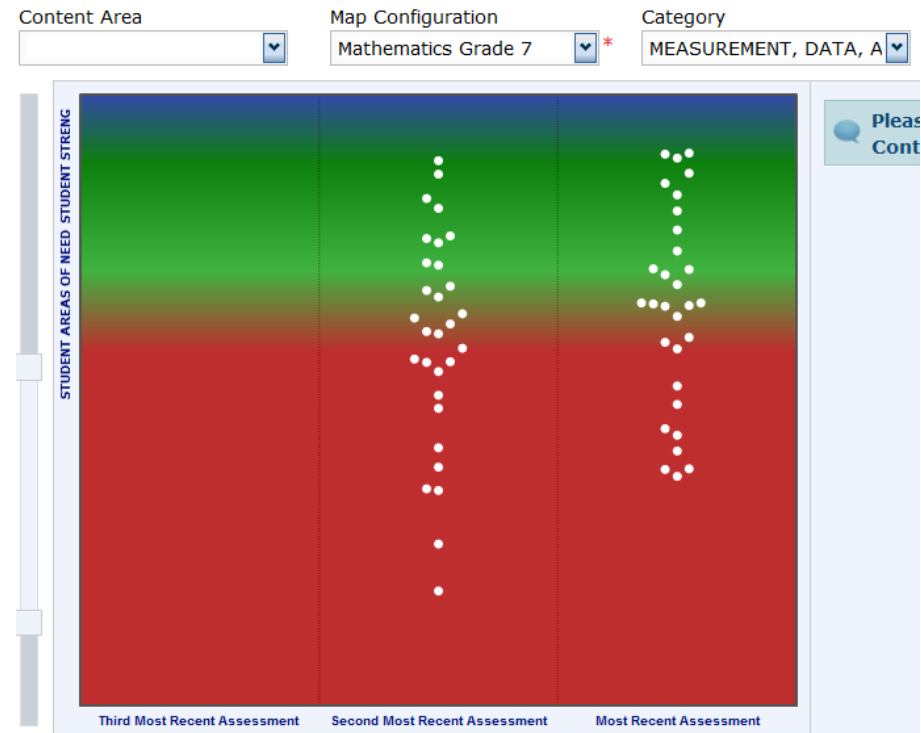
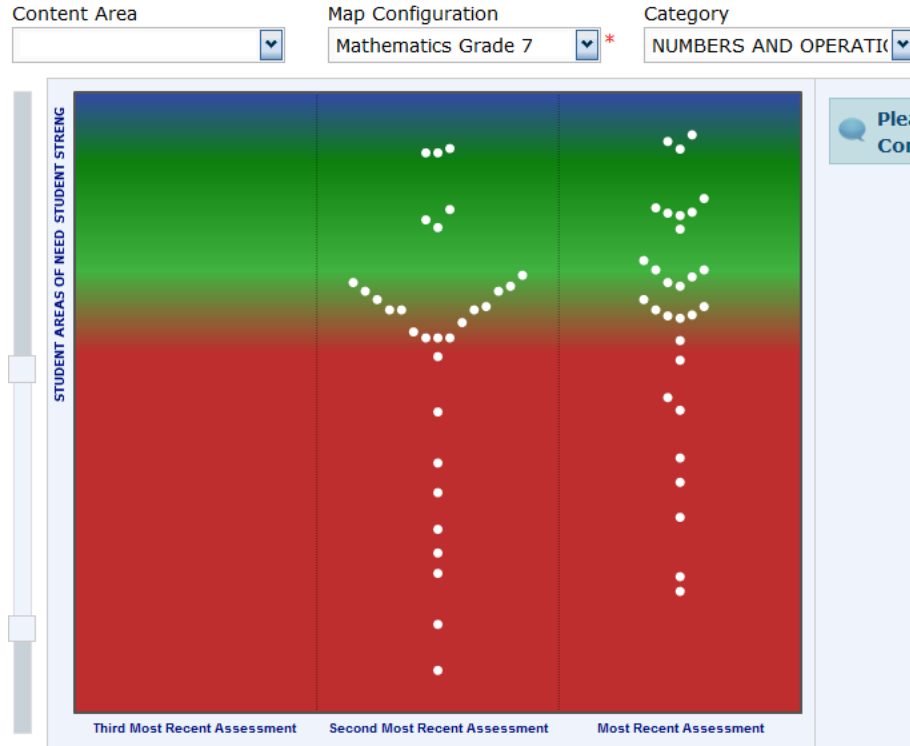
Export to CSV

Export to PDF

Group Map – Overall Score



Group Map – Diagnostic Categories

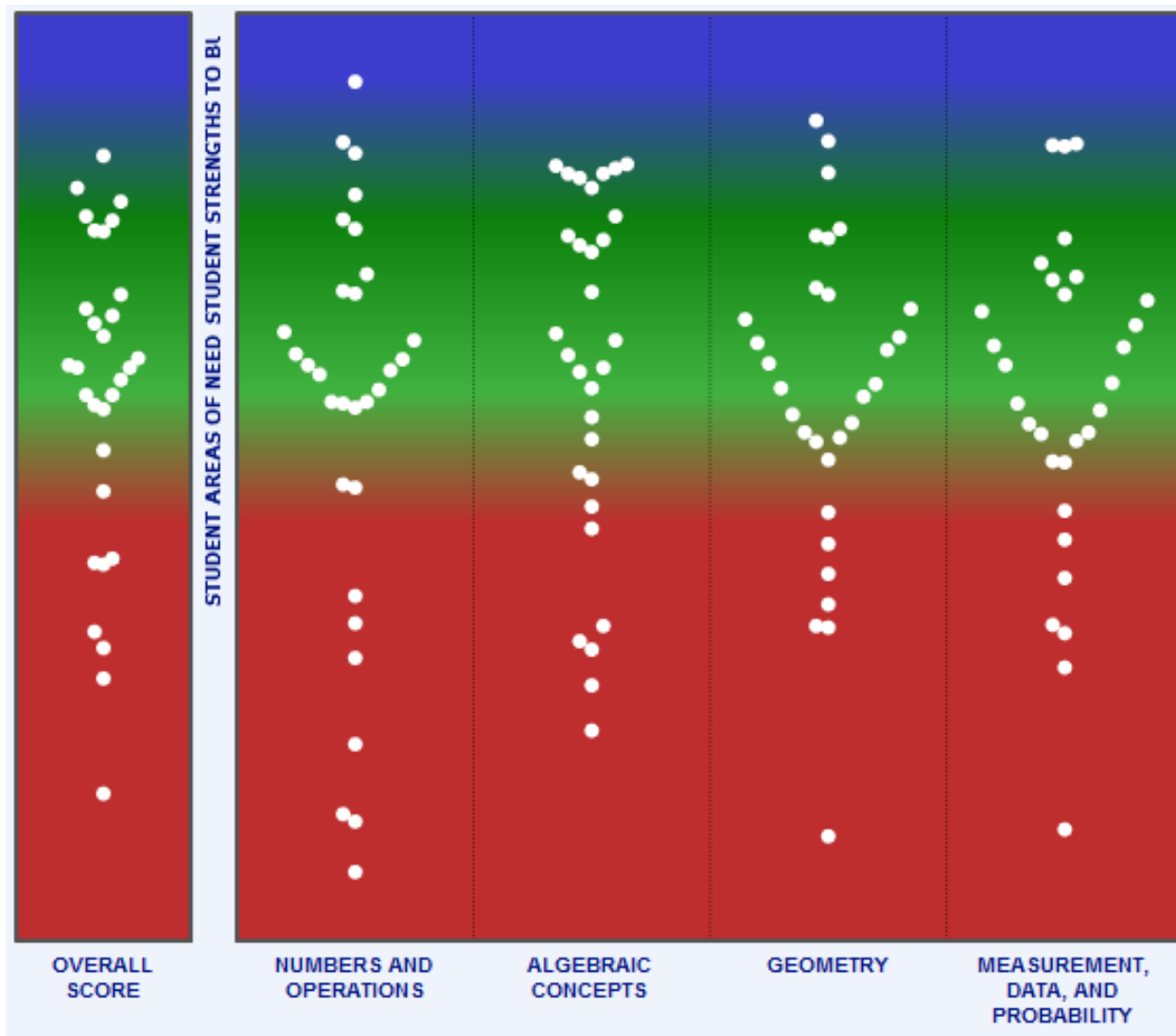


Now open Gr 7 Mathematics Administration #3

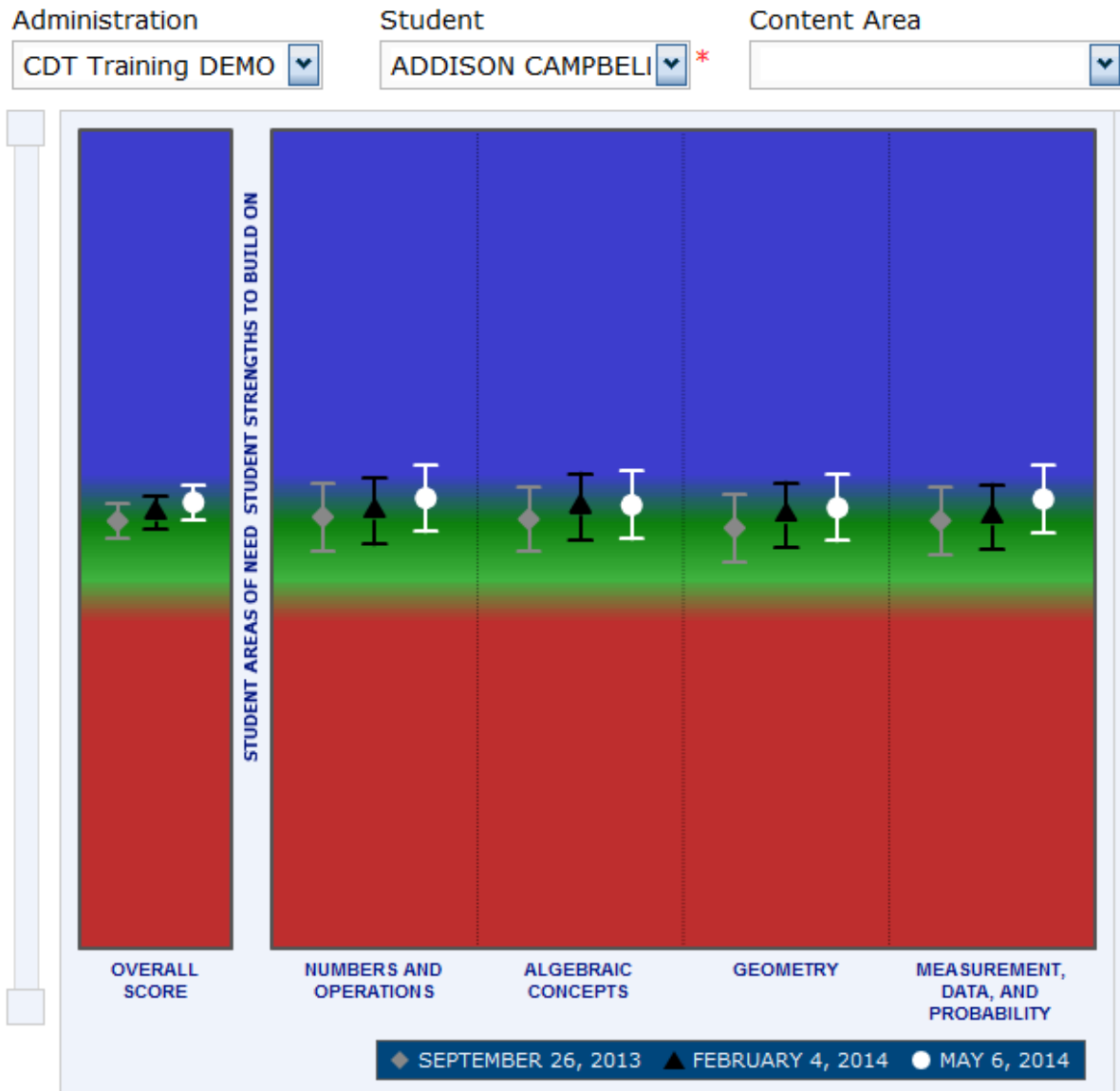
- Go to the Student Group dropdown menu and select **Gr 7 Mathematics Administration #3**
- Next click on the ***Continue*** button
- Then select **Mathematics Grade 7** from the Map Configuration dropdown menu

The resulting Group Map represents student scores for the end-of-year CDT administration.

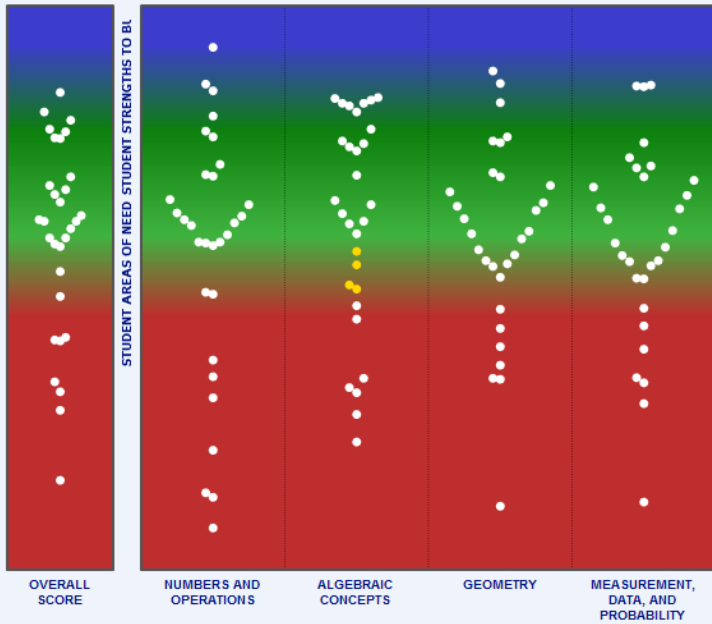
Group Map – End of Instruction for Grade 7 Mathematics



Individual Map



Selecting Students



Please draw a box around a group of students within a Diagnostic Category, and click the Show Eligible Content button, to view Eligible Content associated with the students' scores and category selected.

INSTRUCTIONAL ENRICHMENT

This Report Shows Eligible Content associated with the scores of the students and the Diagnostic Category selected. These students may benefit from enrichment in the following:

- [M06.B-E.3.1.2](#): Analyze the relationship between the dependent and independent variables using graphs and tables, and/or relate these to an equation.
- [M06.B-E.3.1.1](#): Write an equation to express the relationship between the dependent and independent variables.
- [M06.B-E.1.1.5](#): Apply the properties of operations to generate equivalent expressions.
- [M06.B-E.1.1.3](#): Identify parts of an expression using mathematical terms (e.g., sum, term, product, factor, quotient, coefficient, quantity).
- [M06.B-E.2.1.4](#): Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world or mathematical problem and/or represent solutions of such inequalities on number lines.

Selecting Students

30 of 30 Students have tested									
<input type="checkbox"/>	First Name	Last Name ▲	PSecureID	NUMBERS AND OPERATIONS	ALGEBRAIC CONCEPTS	GEOMETRY	MEASUREMENT, DATA, AND PROBABILITY	Overall Score	Test Date
<input type="checkbox"/>	RORY	ALVAREZ	7055472547	861	1047	838	809	888	05/06/2014
<input type="checkbox"/>	KEETON	BANKS	8049035565	940	926	839	840	884	05/06/2014
<input type="checkbox"/>	CORBIN	BROWN	8179874648	697	763	922	923	823	05/06/2014
<input type="checkbox"/>	MYLES	BURKE	9109432639	1081	1158	987	974	1050	05/06/2014
<input type="checkbox"/>	ADDISON	CAMPBELL	9128895568	1191	1175	1169	1188	1181	05/06/2014
<input type="checkbox"/>	LUIS	CHAPMAN	8270687464	1002	822	960	959	937	05/06/2014
<input type="checkbox"/>	REESE	DEAN	7028082695	1128	1174	1128	1121	1137	05/06/2014
<input type="checkbox"/>	HAYDEN	DUNN	8156183185	1153	1168	1123	1093	1134	05/06/2014
<input type="checkbox"/>	MACKENZIE	EDWARDS	8098647676	1022	1082	1062	1068	1059	05/06/2014
<input type="checkbox"/>	CARLOS	FERNANDEZ	8407285269	1135	910	1045	1058	1034	05/06/2014
<input type="checkbox"/>	JAMIE	GARCIA	8138237376	942	1137	976	958	1007	05/06/2014
<input type="checkbox"/>	ETHAN	GARDNER	9295072995	1083	1123	1192	1189	1148	05/06/2014
<input type="checkbox"/>	SIDNEY	GORDON	9529630395	1025	1120	980	979	1027	05/06/2014
<input checked="" type="checkbox"/>	TAYLOR	HALL	7098011371	1029	946	1012	1001	997	05/06/2014
<input checked="" type="checkbox"/>	MATTHEW	HARRISON	7302381232	1095	975	1085	1103	1065	05/06/2014
<input type="checkbox"/>	DEVON	HAWKINS	8389984784	702	828	855	834	801	05/06/2014
<input type="checkbox"/>	GUADALUPE	HERNANDEZ	7396767385	1053	1116	1070	1080	1080	05/06/2014
<input type="checkbox"/>	MADISON	HOWELL	8341761351	1183	1165	1080	1076	1126	05/06/2014
<input type="checkbox"/>	MICAH	JONES	9556203923	660	839	686	691	717	05/06/2014
<input type="checkbox"/>	ELIZABETH	LARSEN	7206682545	1002	1111	1207	1190	1127	05/06/2014
<input type="checkbox"/>	JAYDEN	MONTGOMERY	7237806572	1011	1036	973	980	1000	05/06/2014
<input type="checkbox"/>	BAILEY	MOORE	7327885013	1033	1172	1030	1042	1070	05/06/2014
<input type="checkbox"/>	VICTORIA	MORALES	8006324379	753	796	899	902	835	05/06/2014
<input type="checkbox"/>	STEPHANIE	PEREZ	9502340256	1037	1052	993	986	1018	05/06/2014
<input type="checkbox"/>	KELLY	PETERSON	9190782933	816	1012	1015	1016	967	05/06/2014
<input checked="" type="checkbox"/>	PIPER	ROBERTS	9073309204	841	951	877	874	885	05/06/2014
<input checked="" type="checkbox"/>	JONATHAN	ROSE	9471225264	1047	991	1049	1029	1029	05/06/2014
<input type="checkbox"/>	ANDRE	SCOTT	9008232731	1001	1024	1040	1043	1027	05/06/2014
<input type="checkbox"/>	MORGAN	SIMPSON	7134611086	998	1027	1006	996	1007	05/06/2014
<input type="checkbox"/>	AVERY	WILLIAMS	7167997692	1235	1168	1121	1091	1158	05/06/2014

Individual Learning Progression Map

Student

MICAH JONES (9556203923) *

Content Area

Map Configuration

Mathematics Grade 7 *

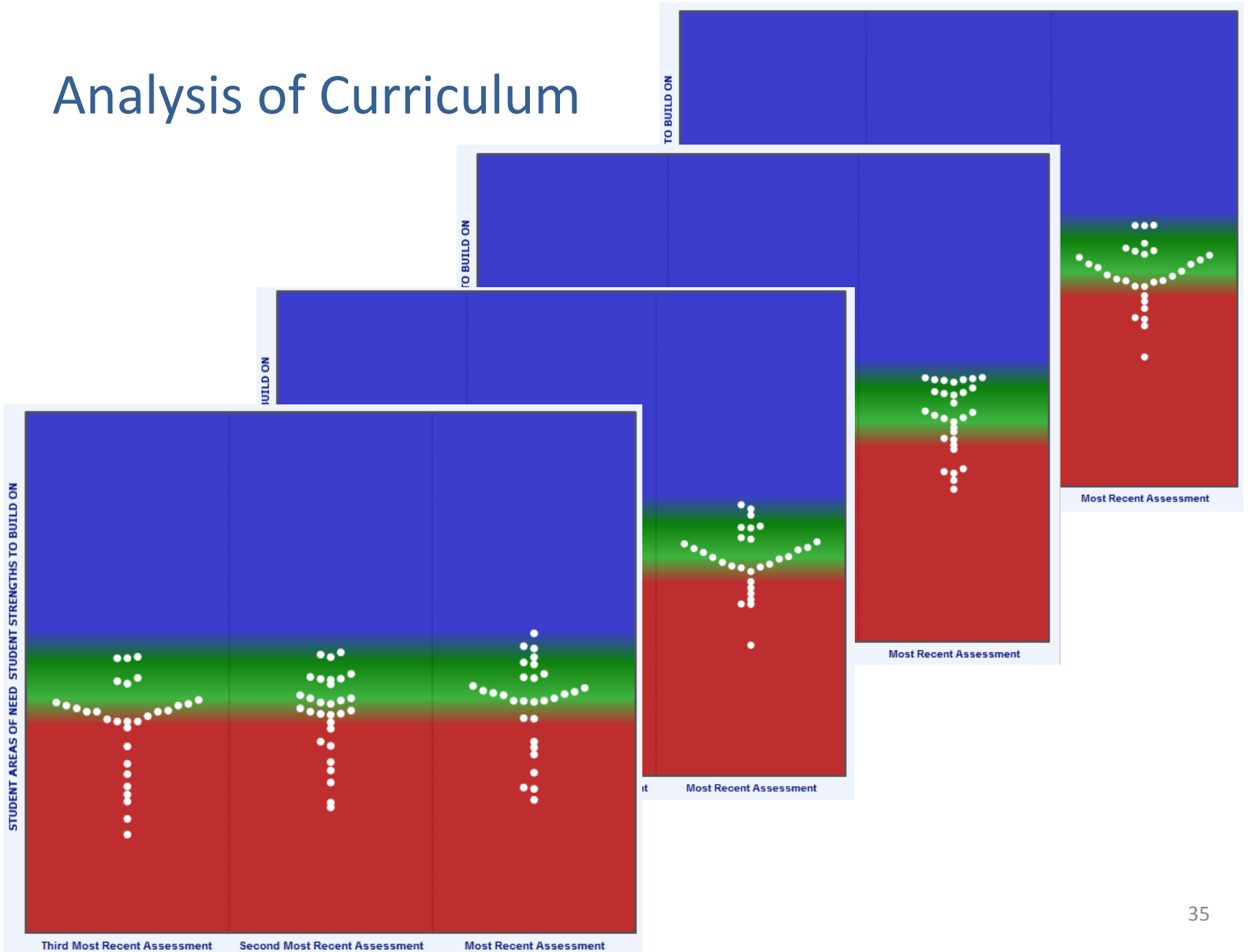
Eligible Content	Grades / Courses												
	K	1	2	3	4	5	6	7	8	A1	A2	G	
A2.2.3.1.1													
<input type="checkbox"/> Data Analysis and Probability													
CC.2.4.K.A.4													
M06.D-S.1.1.2							✖						
M06.D-S.1.1.3							✖						
M06.D-S.1.1.4													
A1.2.3.1.1													
A1.2.3.2.1													
A1.2.3.2.2													
A1.2.3.2.3													
A2.2.3.1.2													
M07.D-S.1.1.1													
M07.D-S.1.1.2													
M07.D-S.3.1.1								✖					
M07.D-S.3.2.1													
M07.D-S.3.2.2								✖					
M07.D-S.3.2.3								✖					
A1.2.3.3.1													

[Export to CSV](#)

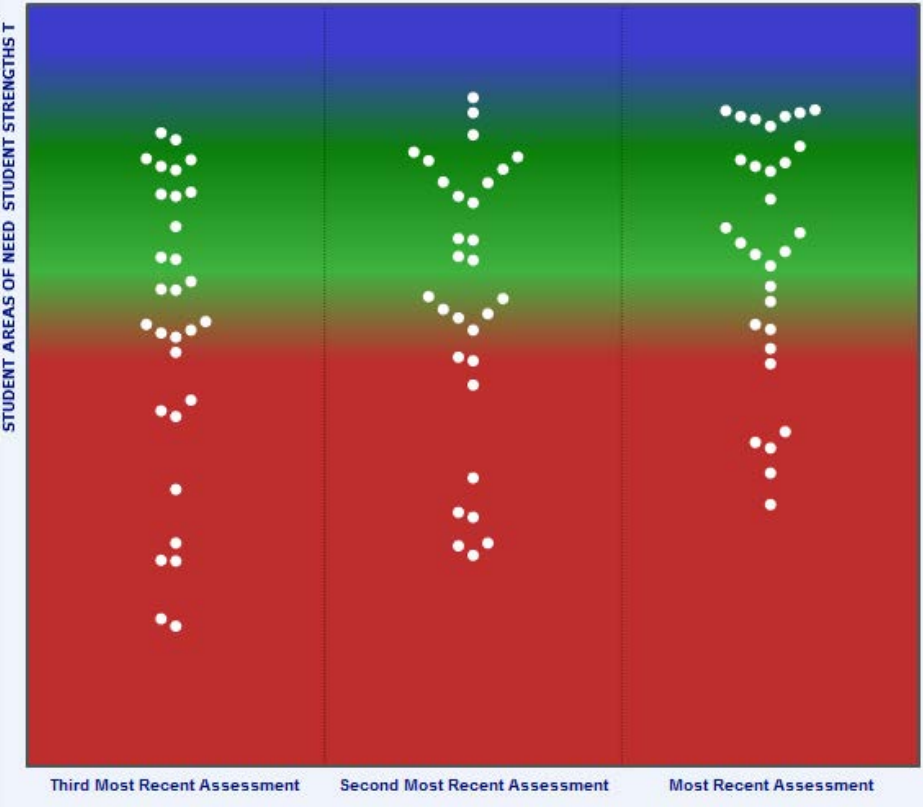
Individual Learning Progression Map

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	CDT - Individual Learning Progression Map Export														
2	Student:	MICAHA JONES (9556203923)													
3	Administration:														
4	District:														
5	School:														
6	Teacher:														
7	Student Group:														
8	Map Configuration:	Mathematics Grade 7													
9	Date Generated:	9/29/2014													
10															
11	Diagnostic Category	Assessment Anchor	ECC	ECC Dot	ECC Description	Materials and Resources	Sample Item								
83	Numbers and Operations	Operational Fluency	M06.A-N.1.1.1		Interpret and compute quotients of fractions	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-N_1_1_1.pdf									
84	Numbers and Operations	Operational Fluency	M06.A-N.2.1.1	GREEN	Solve problems involving operations (+, −, ×, ÷)	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-N_2_1_1.pdf									
85	Numbers and Operations	Operational Fluency	M06.A-N.2.2.2	GREEN	Apply the distributive property to express	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-N_2_2_2.pdf									
86	Numbers and Operations	Operational Fluency	M07.A-N.1.1.1		Apply properties of operations to add and	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M07_A-N_1_1_1.pdf									
87	Numbers and Operations	Operational Fluency	M07.A-N.1.1.3		Apply properties of operations to multiply	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M07_A-N_1_1_3.pdf									
88	Numbers and Operations	Operational Fluency	M06.A-R.1.1.2	RED	Find the unit rate a/b associated with a ratio	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-R_1_1_2.pdf									
89	Numbers and Operations	Operational Fluency	M06.A-R.1.1.4	RED	Solve unit rate problems including those in	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-R_1_1_4.pdf									
90	Numbers and Operations	Operational Fluency	M06.A-R.1.1.5	RED	Find a percent of a quantity as a rate per 100	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M06_A-R_1_1_5.pdf									
91	Numbers and Operations	Operational Fluency	M07.A-R.1.1.1		Compute unit rates associated with ratios	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M07_A-R_1_1_1.pdf									
92	Numbers and Operations	Operational Fluency	M07.A-R.1.1.6		Use proportional relationships to solve mult	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M07_A-R_1_1_6.pdf									
93	Numbers and Operations	Operational Fluency	A1.1.1.1.2		Simplify square roots (e.g., square root of 16)	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/A1_1_1_1_2.pdf									
94	Numbers and Operations	Operational Fluency	A2.1.1.1.1		Simplify/write square roots in terms of i	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/A2_1_1_1_1.pdf									
95	Numbers and Operations	Operational Fluency	A2.1.1.1.2		Simplify/evaluate expressions involving powers	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/A2_1_1_1_2.pdf									
96	Algebraic Concepts	Functional Representation	M03.B-O.3.1.5		Identify arithmetic patterns (including patterns	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M03_B-O_3_1_5.pdf									
97	Algebraic Concepts	Functional Representation	M04.B-O.3.1.1		Generate a number or shape pattern that follows	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M04_B-O_3_1_1.pdf									
98	Algebraic Concepts	Functional Representation	M04.B-O.3.1.2		Determine the missing elements in a function	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M04_B-O_3_1_2.pdf									
99	Algebraic Concepts	Functional Representation	M04.B-O.3.1.3		Determine the rule for a function given a table	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M04_B-O_3_1_3.pdf									
100	Algebraic Concepts	Functional Representation	M05.B-O.2.1.1		Generate two numerical patterns using two	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M05_B-O_2_1_1.pdf									
101	Algebraic Concepts	Functional Representation	M05.B-O.2.1.2		Identify apparent relationships between	http://pa.drccdirect.com/ThirdPartyTransfers/https://assets.drccdirect.com/States/PA/550389/SampleItems/MATH/M05_B-O_2_1_2.pdf									

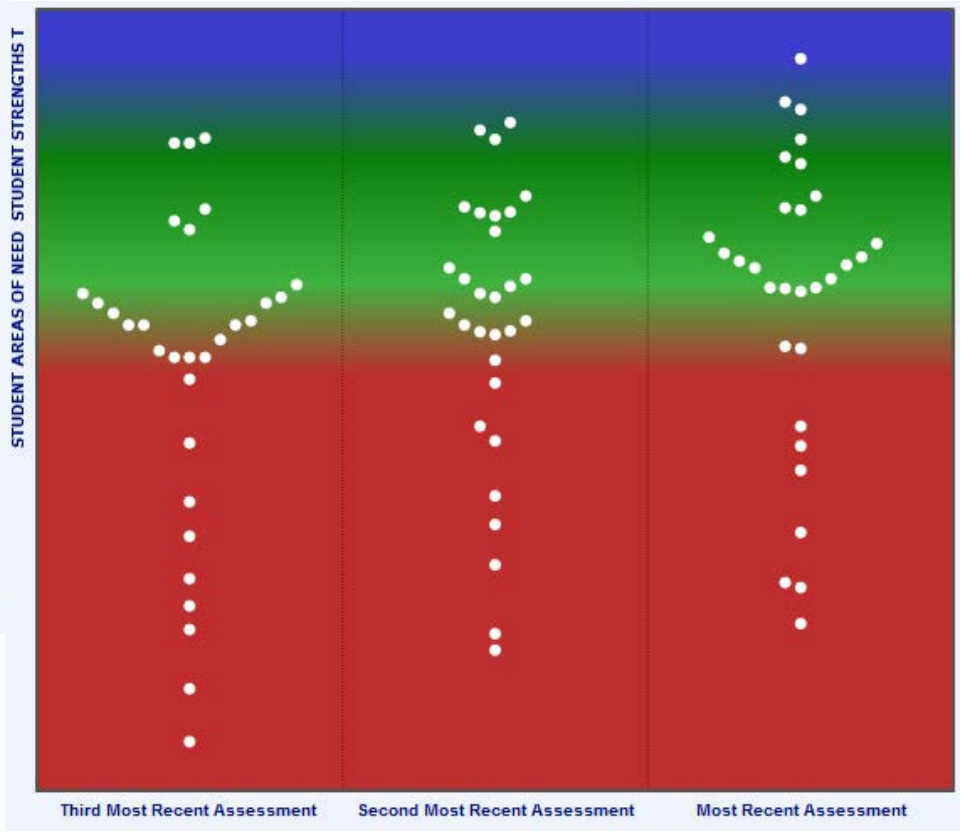
Analysis of Curriculum



Analysis of Curriculum



Algebraic Concepts



Numbers and Operations

General Information ^

Minimum Browser
Requirements
Documents

Test Setup v

DATA RECOGNITION
DRC
CORPORATION

TCLOSE MENU v

Documents

+ Instructions

Administration

(All) v

Document Type

Simulations v

Show Documents

This simulation (and others) can be found at

<https://pa.drctdirect.com>

Select Documents under General Information;
then Select “Simulations” under the Document
Type dropdown menu and click on Show
Documents.

Appendix K: Travel and Meeting Specifications

**Pennsylvania System of Assessments
Proposed Travel and Meeting Specifications**

Location	Year(s)	Meeting	# of Trips per Year	# Meeting Days per Trip	Total # of DRC Attendees	# of PDE Attendees	# of Committee Attendees	% Committee Attendees Commuting	Stipend Reimbursement Amount per Day
PA	1,2,3,4,5,6	Planning Meeting	2	3	10	14			
PA	2,3,4,5,6	Technical Advisory Committee Meetings (Year 2-6)	3	3	8	14	6	0%	\$ 1,500
PA	2,3,4,5,6	Educator Effectiveness TAC Meetings (Years 2-6)	3	3	1	10	5	0%	\$ 1,500
DRC	1,2,3,4,5,6	Site Visits	2	2	10	4			
DRC	1	Management meeting (year 1) -- MN	3	2	10	6			
PA	1	Management meeting (year 1) -- PA	3	2	10	14			
DRC	2	Management meeting (year 2) -- MN	2	2	10	6			
PA	2	Management meeting (year 2) -- PA	2	2	10	14			
DRC	3,4,5,6	Management meeting (years 3-5) -- MN	1	2	10	6			
PA	3,4,5,6	Management meeting (years 3-5) -- PA	1	2	10	14			
Pennsylvania System of School Assessment (PSSA)									
PA	2,3,4,5,6	Bias Review (all subjects)	1	3	2	4	12	0%	\$ 1,000
PA	1	PDE Item Review Preview (year 1 only)	1	5	3	6			
PA	2,3,4,5,6	Content (Item Review) (All subjects)	1	5	10	4	96	10%	
DRC	2,3,4,5,6	Face-to-face Form Reviews	1	4	4	6			
PA	2,3,4,5,6	Administration Training	1	5	2	2			
PA	2,3,4,5,6	Data Review (all subjects)	1	4	7	4	60	10%	
PA	2,3,4,5,6	Rangefinding (all subjects)	1	5	20	4	140	10%	
Keystone Exams									
PA	2,3,4,5,6	Bias review (Alg I, Lit, Bio)	1	3	2	4	12		\$ 1,000
PA	1	PDE Item Review Preview (year 1 only)	1	5	3	6			
PA	2,3,4,5,6	Content (Item Review) (Alg I, Lit, Bio)	1	5	5	4	36	10%	
DRC	2,3,4,5,6	Face-to-face form review	1	4	4	6			
PA	2,3,4,5,6	Administration Training	1	5	2	2			
PA	2,3,4,5,6	Data Review (Alg I, Lit, Bio)	1	4	5	4	36	10%	
PA	2,3,4,5,6	Rangefinding (Alg 1, Lit, Bio)	1	5	12	6	40	10%	
Classroom Diagnostic Tools (CDT)									
PA	3	Bias Review	1	3	2	4	12	10%	\$ 1,000
PA	3	Content Review	1	5	5	4	36	10%	
PA	3	Data Review/items on the learning progression (gr 3-5 testers)	1	4	5	4	36	10%	
PA	2,3,4,5,6	Core Team Meetings	4	1	4	3	8	10%	
PA	2,3,4,5,6	CDT Feedback Session	1	1	4	4	30	10%	
Option 1: Keystone Exams English Composition									
DRC	2	Face-to-face form review -- English Comp	1	5	2	2			
PA	1	Data Review -- English Comp	1	3	4	2	12	10%	
PA	2	Standard setting - English Comp	1	2	5	2	15	10%	
Option 2: Keystone Exams Civics & Government									
PA	1,2,3,4,5	Bias review -- Civics & Government	1	3	2	2	6		\$ 1,000
PA	1,2,3,4,5	Content (Item Review) -- C & G	1	5	3	2	20	10%	
DRC	2,3,4,5	Face-to-face form review -- C & G	1	3		2			
PA	3,4,5	Data Review -- C & G	1	2	3	2	12	10%	
PA	2,3,4,5	Rangefinding -- C & G	1	5	4	2	10	10%	
PA	3	Standard setting - C & G	1	2	5	2	15	10%	
Option 3: Performance Assessments									
PA	2	Content review (item review) (ELA and math))	1	5	13	4	72	10%	
PA	2	Bias review	1	3	2	4	6	0%	\$ 1,000
DRC	2	Face-to-Face Form Reviews	1	4		4			
PA	2	Data review (ELA and math)	1	4	7	4	48	10%	
PA	2	Rangefinding (ELA and math)	1	5	13	4	40	10%	
PA	3	Standard validation (ELA and math)	1	4	14	4	60	10%	
Option 4: CDT Kindergarten through Grade 2									
PA	1	VMC review training	1	1	2	4	6	10%	\$ 600
PA	1	PDE/DRC Final design/blueprint/LP meeting	1	1	6	12			
PA	2	Content review (item review)	1	5	4	10	10	10%	
PA	2	Data review/items on the learning progression	1	4	4	10	16	10%	
PA	2	Benchmarking	1	3	6	10	8	10%	
PA	2	Bias Review	1	3	2	4	12	10%	\$ 1,000

Appendix L: Quality Control Plan

SAMPLE QUALITY CONTROL PLAN

Submitted to the
Pennsylvania Department of Education
For the Pennsylvania System of Assessments



Submitted by Data Recognition Corporation
May 2015





DATA RECOGNITION CORPORATION: SAMPLE QUALITY CONTROL PLAN

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1. Introduction

Data Recognition Corporation (DRC) is passionate about providing quality products and services to our clients and recognizes that quality processes are critical elements of our business. **DRC is committed to providing the highest quality products and services to the Pennsylvania Department of Education and the educators, students, parents, and stakeholders of the Commonwealth.**

A primary factor in DRC's continued success in providing error-free services to clients is our company-wide dedication to quality.

A primary factor in DRC's continued success in providing **error-free services** to clients is our company-wide dedication to quality. In the following pages, we describe DRC's plan for fulfilling the quality assurance requirements for the state assessment programs.

With more than 35 years of successful student achievement testing, DRC has developed and refined our quality system to ensure the highest levels of customer satisfaction and quality; **quality is both a program and an overall approach to our business.** Our Quality Management System is focused on defining and implementing critical quality control processes to ensure products and services delivered to our clients meet and exceed their requirements. This extends to our relationships with other vendors and partners.

At DRC, quality is a commitment to excellence and is achieved by teamwork and the process of continuous improvement. Quality principles are infused into everyone's roles within our organization. The focus of our Quality Management System is to define and implement quality control processes and embed them throughout all aspects of our projects. DRC has developed our quality approach using the guidelines listed in the *SCASS/TILSA Quality Control Checklist for Processing, Scoring, and Reporting*.



Quality begins with the attitude that a task must be done right the first time. DRC staff members take great pride in their work, and their products reflect that pride. As demonstrated on all current DRC contracts, we understand the tasks that are necessary for successful assessment programs. DRC believes in reasonable and sensible approaches to problem solving. We pride ourselves on our creativity and our ability to anticipate problems, as well as our genuine affinity for discovering multiple solutions to difficult issues.

2. ISO 9001:2008 Certification

With the rapid pace of business today, the wants and needs of our customers continually evolve. Our clients are asking us to be more dynamic, flexible, and cost efficient in meeting their requirements than ever before. This places a tremendous amount of importance on our processes to meet these needs in a reliable, repeatable fashion.

DRC has held ISO 9001 certification since 2007. Our current certification is valid through December 2016. DRC intends to renew our ISO certification when the current certification period ends.

"We are very proud to have earned this quality standard. Our customers have always expected flawless execution and responsiveness and this certification validates the way we do business."

~ Ms. Susan Engeleiter, CEO and President of DRC

Our current certification—ISO 9001:2008—is an internationally recognized quality management standard that defines a set of core quality requirements with which an organization must comply. Some of the requirements in the ISO 9001:2008 standard include:

- Developing a set of procedures that cover key processes within a business.
- Monitoring manufacturing and business processes to ensure the organization is producing quality products and services.
- Keeping proper records.
- Checking outgoing products for defects and taking appropriate corrective action where necessary.
- Regularly reviewing individual processes and the quality system itself for effectiveness.
- Facilitating the continual improvement customers expect.

DRC proudly holds the **most comprehensive scope of ISO certification of any company in the industry**. We are currently ISO 9001:2008 certified in three major areas of the company:

- **Document Services** (Project Management, Document/Graphic Design, Scheduling, Pre-Press, Printing, Bindery, Inserting, and Purchasing).
- **Education Operations** (Distribution, Logistics, Materials Processing, Warehousing, and Document Scanning).
- **Performance Assessment Scoring** in all of our scoring centers.

Becoming ISO 9001 certified requires external validation from a third-party registrar who evaluates whether we are meeting the criteria of the ISO 9001:2008 standard within the DRC Quality Management System. These audits are conducted semiannually.

The scope of our ISO 9001:2008 registration is based on a business process approach, rather than the functional approach which many companies use. Embedding the ISO 9001 standard has enhanced an already strong foundation of business process controls for which DRC has been known for many years.



Our ISO 9001 certification process is led by **DRC's Chief Quality Officer, Ms. Lisa Peterson-Nelson**. Ms. Nelson provides executive-level leadership and management of DRC's corporate-wide quality processes. She also serves as the senior quality leader responsible for leading the implementation of ISO 9001 Quality Management System certification across all DRC operational areas. She will continue to oversee the plan to expand the scope of our certification to other areas of the company, while contributing her expertise to our quality standards and systems already in place.

3. Project Management Processes

For the success of the assessment program, the requirements, goals, and constraints of the Commonwealth must be thoroughly understood, documented, and communicated. These critical activities are the foundation of DRC project management activities. **Our Program Manager, Ms. Shaundra Sand**, will provide high-level oversight and leadership for the overall quality process for the program. Under the Program Manager's guidance, the Project Management Team will ensure that problem-reporting procedures are strictly followed to ensure immediate action is taken to resolve any issues.

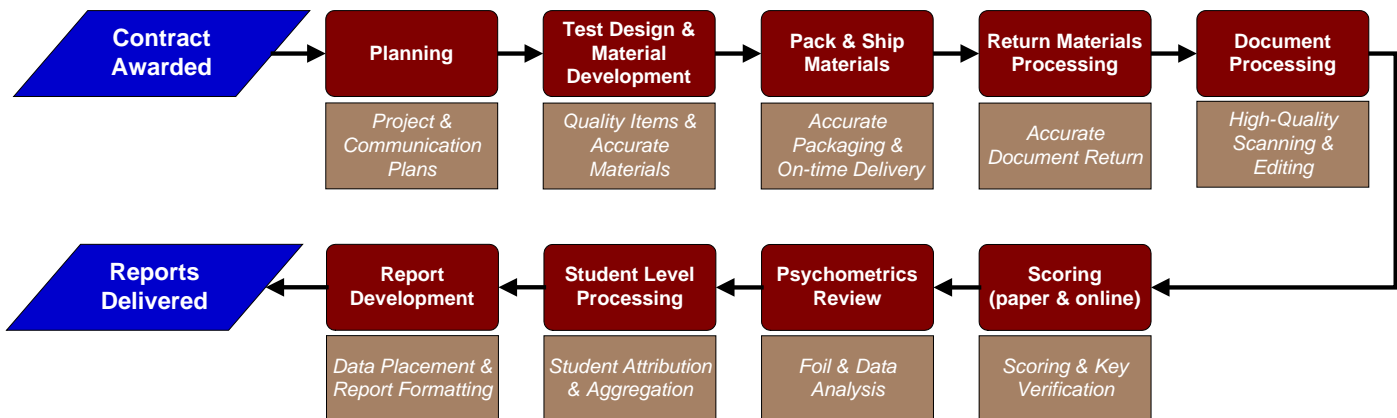
As part of the MS Project schedules that will be prepared annually for the program, DRC will include all quality assurance (QA) tasks that will allow work to flow in a timely, effective manner while maintaining high quality deliverables. The Department will be asked to review, sign-off on, and approve the QA schedules annually.

3.1. QUALITY CONTROL PROCESS OVERVIEW

Our Project Delivery Quality Control process begins with contract award and ends only with the successful distribution of all required deliverables. Quality control checkpoints are in place at all stages of each assessment program. Our proven quality framework is an integral part of ensuring accurate and timely delivery. We can provide the Department with the required evidence that our quality inspections, processes, system tests, and policies are followed.

DRC follows our standard Project Delivery Quality Control Process and adheres to the 33 Quality Control checkpoints for processing, scoring, and reporting described by the State Collaborative on Assessment and Student Standards (SCASS) on Technical Issues in Large Scale Assessments (TILSA). DRC will ensure that these specific controls are in place and are strictly followed. As added assurance to the Department, our **Chief Quality Officer, Ms. Lisa Peterson-Nelson**, will **conduct audits of our quality processes to ensure compliance to procedures**. Any divergence from the requirements will be tracked by our corrective action system and resolved as quickly as possible. All audit results will be utilized as a continuous quality improvement process. TILSA-approved quality checks will be executed to verify that state, district, and school content is correct and report data is 100-percent accurate.

Project Delivery Quality Control Process



3.2. PROJECT PLANNING AND SCHEDULE/RESOURCE MANAGEMENT

DRC's Project Management Team will ensure that all DRC project staff and subcontractors involved in the program understand and adhere to project scope and that all deliverables are met on time, and meet and/or exceed the Department's requirements and expectations. Project management staff responsibilities include creating and maintaining project planning and summary documents and MS Project schedules, along with developing and utilizing communication plans, risk management plans, and change management plans.

Our Program Manager will also be responsible for planning, scheduling, monitoring, and documenting all project activities. This includes the development and maintenance of the MS Project schedules developed specific to the state assessment programs. DRC has implemented company-wide use of MS Project as a tool to track progress toward meeting the deliverables of all of our assessment programs. The project schedules will include the quality assurance tasks, with appropriate durations to allow for timely and effective processes that will result in high quality deliverables. The planned quality assurance tasks and schedule will be submitted to the Department for review, sign-off, and approval on an annual basis. The status of the quality assurance tasks will be reviewed during DRC project team meetings on a weekly basis. The Program Manager will ensure that the global schedule is updated weekly and distributed to all team members.

Using MS Project, the Program Manager will be responsible for maintaining the project schedule and ensuring management of the following:

- Correctly identifying and communicating the tasks and deliverables.
- Evaluating the status and availability of resources.
- Tracking and documenting project progress.
- Monitoring completion of all quality assurance checks.
- Communicating project status and decisions to all project stakeholders.

3.3. PROJECT MONITORING

In addition to the use of MS Project schedules, the Program Manager will use standard DRC tools to monitor the status of all project tasks and the successful completion and client acceptance of all project deliverables. These tools include, but are not limited to:

- Project Communication Plans
- Conference Calls with the Department
- Project Team Status Meetings
- Project Progress Reports
- Open Action Item Reports
- Project Decision Logs
- Master Calendar

3.4. QUALITY CONTROL AND SIGN-OFFS

For the success of the program, the Commonwealth's requirements, goals, and constraints must be thoroughly understood, documented, and communicated. These critical activities are the foundation of DRC project management activities, and DRC will collaborate with the Department to prepare a document outlining in detail how each step of the process will be implemented. The Program Manager will provide high-level oversight and leadership for the overall quality process for the assessments. Under the Program Manager's guidance, the Project Management Team will ensure that problem-reporting procedures are strictly followed to ensure immediate action is taken to resolve any issues.

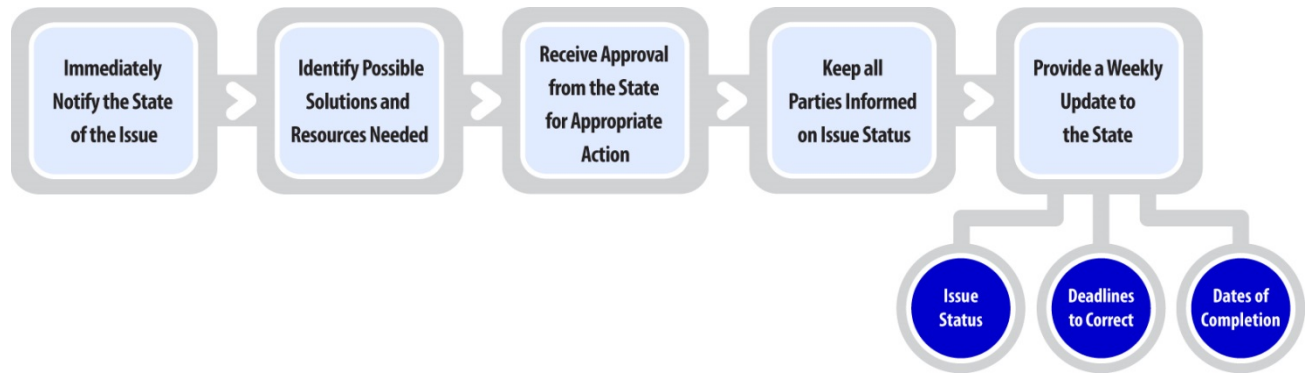
As part of our quality control and sign-off procedure for the program, DRC will create detail logs that trace the application of QA procedures to the state score reports after each administration. This will provide the Department with full and exact documentation of the procedures for data verification and quality control that DRC has followed. DRC will be responsible for maintaining quality products and services in all aspects of the assessment program, from initial development of items to the production of data files and score reports.

3.5. ISSUE, RISK, AND CHANGE MANAGEMENT

3.5.1. Issue Management

Open communication between the Department and DRC is vitally important. The Department will be able to contact the Program Manager or any member of the Project Management Team if there is an issue or concern, so that immediate action can be taken and the issue management process, highlighted in the flow chart below, can be followed.

DRC's Issue Management Process



This process is described in more detail below:

- **Immediately communicate the issue in writing to the Department.** The Program Manager will immediately contact the appropriate state staff whenever a significant issue arises. Significant issues are defined as those that would impact timeliness for contract deliverables. DRC will not delay notifying the Department because of internal discussion or meetings.
- **Identify possible solutions and resources needed to correct the issue.** The Program Manager will work with internal DRC resource groups along with Department staff to determine the proper steps to resolve the issue.
- **Receive approval from the Department for appropriate action.** After working closely with all involved parties, the Program Manager will propose a sound and cost-effective solution to the Department. DRC will not proceed with the solution until approval has been received from the Department.
- **Keep all parties informed on status of issue based on frequency established by the Department.** The Program Manager will communicate with Department staff on a regular basis—as determined by the Department—regarding the solution for the issue.
- At least weekly, **provide a listing to the Department of all issues with their current status, deadlines to correct, and actual dates of completion** that have occurred. These weekly reports can be shared with the Department during the regularly scheduled weekly meetings, or at any other time based on the request of Department staff. Issues will also be documented in the monthly management reports to the Department.

We are certain our issue management process will assure the Department of timely and comprehensive issue resolutions.

3.5.2. Risk Management

To ensure the success of the program, DRC will proactively manage risks, such as programmatic, technical, cost and schedule risks. The Program Manager will function as the risk manager by working with other members of the project team to provide the work breakdown for the project, develop detailed scope of work agreements, and design of a formal risk management matrix specific to the project. The Program Manager will schedule and oversee risk reviews, in conjunction with the project team and the Department. Ms. Peterson-Nelson, DRC's Chief

Quality Officer, will also provide support to the risk management process, providing an additional level of program security.

3.5.3. Change Management

The Department requires a partner that is flexible, innovative, and prepared to manage change. At DRC, change management is a critical management discipline. Our change management process is used to control and manage size, effort, cost, and schedules. Because change can occur at any time, we have implemented activities in our process to identify and control change, and to ensure any changes made are properly implemented and reported to groups who are affected. The Department can be assured that DRC will thoroughly evaluate each requested change and perform a detailed impact and risk analysis. We will provide the Department with our recommended implementation plan and clearly outline any schedule or cost impacts.

4. Quality Management Processes

4.1. INFORMATION SYSTEMS QUALITY CONTROL

DRC's **Information Systems Department** resources—**Education Information Systems (EIS)** and **Software Quality Assurance (SQA)**, collectively referred to as Information Services—take pride in offering valuable, quality products and services to our clients. Information Services recognizes that quality processes are critical elements of DRC's business, and they will incorporate proven quality initiatives throughout all aspects of the administration of the program.

Information Services' strategic quality approach begins at the inception of an assessment administration and continues through the administration's reporting. This strategic quality approach safeguards DRC's requirements analysis processes, software design, development, integration, implementation, and support; it ensures DRC's products and services are accurate and reliable. Information Services' processes will ensure that all deliverables for the program conform to the specified standards and requirements at the state and federal levels.

DRC is committed to embedding quality throughout every aspect of our software design, development, and quality assurance processes, ensuring **100% accuracy** in our scoring and reporting systems.

DRC's quality values start with:

- Building quality into the requirements analysis, software development, and testing processes.
- Following a standardized methodology that focuses on the prevention of software and integration issues.
- Providing highly qualified and trained staff.

DRC's Information Services staff is composed of dedicated software professionals specifically trained in the following areas:

- Requirements Analysis, Management, and Traceability
- Scope Management and Change Control Processes

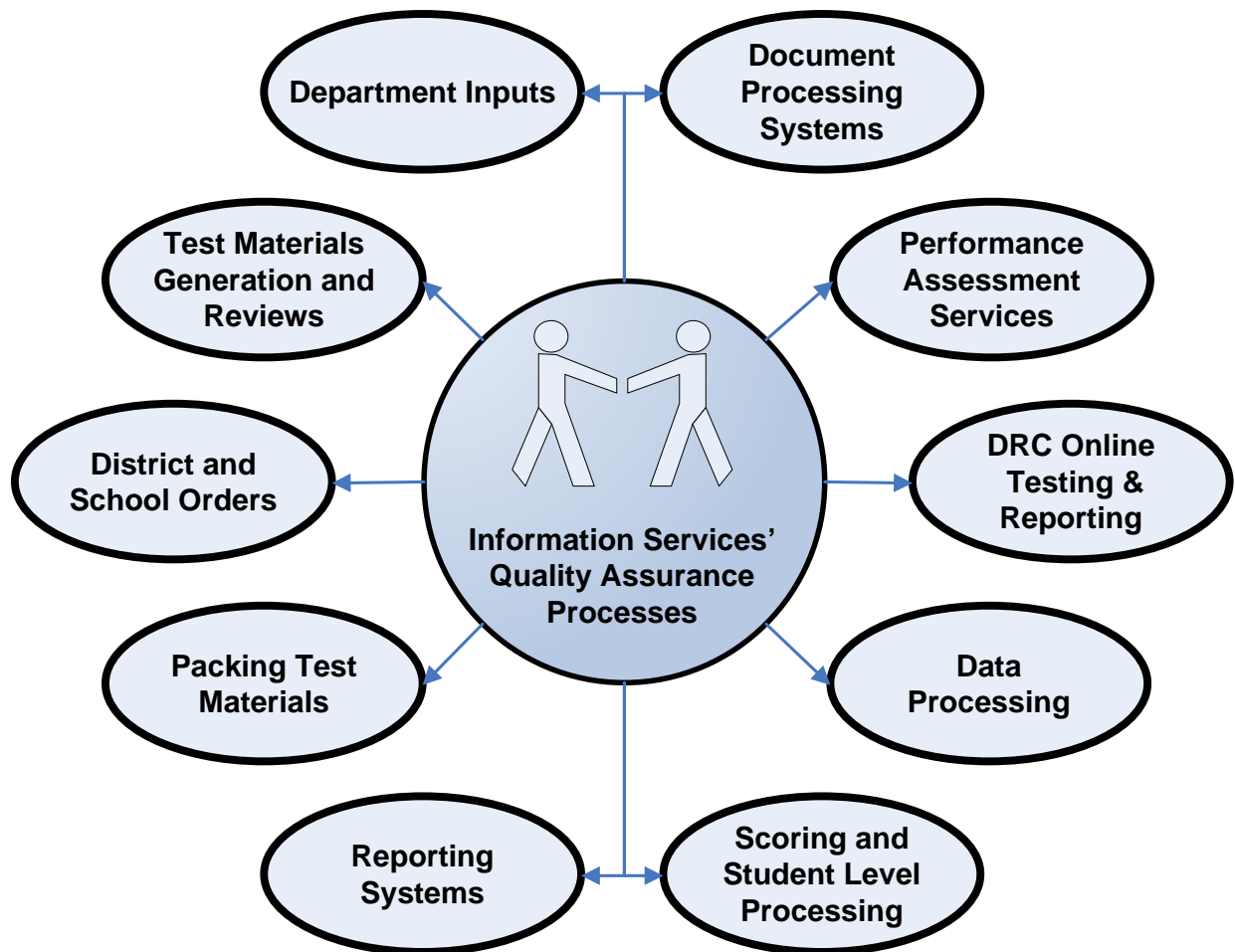
- Software Development and Quality Processes
- Web Interface Development and Design
- Graphical User Interface Standards
- Software Quality Assurance Planning and Coordination
- Software Integration and Testing
- Defect Analysis, Tracking, and Resolution
- Continuous Quality Process Improvements

Mr. Thomas Boatman, Senior Director of Software Quality Assurance, will lead and oversee our software quality assurance processes for the program. Mr. Boatman has more than 15 years of software testing and quality assurance experience. His expertise includes developing and administering test scripts, performing defect classifications and severity assessments, and developing software quality assurance process flows and guidelines that encompass all phases of a project. Mr. Boatman has ensured adherence to quality processes for several large-scale assessment programs.

DRC's team of software quality assurance professionals have **more than 75 years of combined experience in the field**. Several of our analysts have obtained advanced training in their field and achieved professional certification through the rigorous programs of the Quality Assurance Institute (QAI), a worldwide membership organization dedicated to quality assurance in the information services industry. SQA team members are active members of the Twin Cities Quality Assurance Association, a local professional association, which helps to keep them current on innovations and developments in their industry. DRC's staff are some of the most educated and experienced SQA professionals in the testing industry.

DRC's Information Services staff apply industry-standard quality assurance methodologies throughout all aspects of the program. DRC quality plans will be developed and will be available for Department review. Information Services staff follow our Project Delivery Quality Control Process and adhere to the quality control checkpoints for processing, scanning, and editing, described by the State Collaborative on Assessment (SCASS) on Technical Issues in Large Scale Assessment (TILSA). Key quality control checkpoints occur during the activities outlined in the following figure.

Information Services' Key Quality Control Checkpoints



To achieve excellent quality, Information Services applies a proactive and integrated approach to industry-standard requirements management, software development, and quality assurance methodologies. These methodologies serve as ongoing guidelines during the entire software development life cycle. All requirements, software programming, test plans (unit and production), and procedures are thoroughly documented, reviewed, verified, and validated. The consistent application of the DRC quality methodologies provides:

- High quality, flexible, and effective applications
- Accurate data
- Timely data delivery and reporting

Information Services will utilize a five-step quality assurance approach (described in the following table) to ensure quality is built into every phase of a test administration.

Five-Step Quality Assurance Approach

Phase	Approach
Project Initiation and Planning	Information Services activities begin during the project definition and planning phase and ensure that software development and information systems processes, procedures, and standards identified in the project plan are appropriate, clear, specific, and accurate.
Project Design and Development	Quality processes begin during the project design and development phase to ensure that software requirements are complete, testable, and properly categorized as functional, performance, or user interface. The software quality assurance team works closely with the business analysts and development team, testing all deliverables throughout each program.
Software Integration and Test	Information Services has implemented an established and proven methodology for software integration and testing. The software developer and quality analysts determine the strategic test approach and create detailed test plans/scripts to validate system and software functionality and requirements. Throughout the software integration and test phase, test plans and scripts are run in accordance with the overall test strategy. Any non-conformances of requirements that are discovered are reported, resolved, and retested until requirements are met and the product is ready for Department acceptance and release to production.
Client Acceptance	Prior to the implementation of a system or program(s), the SQA analysts perform a final configuration audit to verify readiness for production. The SQA analysts are responsible for the coordination of acceptance testing to ensure that the Department is both satisfied with the development process and confident that readiness testing was sufficiently performed.
Implementation	Information Services’ practices are incorporated throughout the implementation phase of a project to ensure successful installation and integration of the system or software programs. These same procedures are again applied when changes or modifications to the system or software programs are implemented.

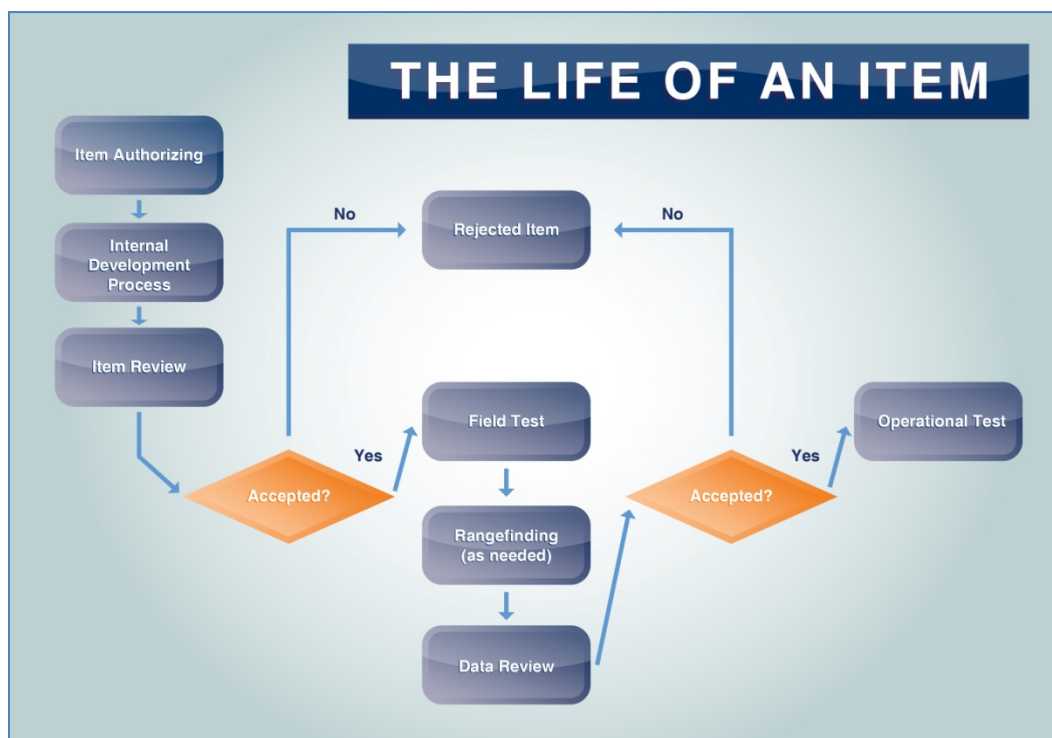
Information Services’ combined efforts will assure the Department that software-related elements of the program meet industry standards. Compliance with these standards will also provide the Department with the information and data required by Federal regulations, such as the *No Child Left Behind Act* (NCLB) and Adequate Yearly Progress (AYP), to:

- Educate students, parents, educators, and the general public on student and school performance and achievement.
- Assist schools in the development of strategic plans.
- Help policymakers determine schools’ effectiveness in enhancing student academic proficiency.

4.2. TEST DEVELOPMENT QUALITY CONTROL

The two critical components of high quality testing materials and test items are: 1) effective training, and 2) rigorous processes and systems. DRC's proactive process—operating largely in the background—identifies the testing and publishing challenges inherent in developing complex and accurate materials throughout the life of each test item (see the figure below). Using content test development specialists and editors trained in item and test development and familiar with the program is key to the ongoing quality of development and production. In addition to DRC's item banking system, Item Development and Educational Assessment System (IDEAS), DRC's production processes combine quality assurance checks, content and psychometric reviews, and electronic document comparisons to ensure the testing materials of the highest quality.

The Life of an Item



Our test development team members undergo training that equips them with the knowledge to execute critical phases of item development with accuracy and specificity. In addition, redundancies are built into our test development processes explicitly as part of our quality control checks. Multiple reviews by a variety of individuals who have a sense of ownership in the product ensure the integrity of items' content, appearance, and style features.

The test development managers, coordinators, and content leads build development schedules that target an optimal mix of thoroughness and efficiency. Timely information is shared via both formalized, regular project meetings and ad hoc conversations to ensure that all team members have the information they need to produce items of high quality. This sharing ensures that all development staff—writers, editors, content leads, item-banking experts, and proofreaders—have a common set of materials, such as style guides and item specifications, to move development forward in a coordinated effort.

The item management system, IDEAS, has a number of features that streamline development and reduce the risk of error. Content specialists work on program-specific items in an environment where the program's style sheets have been configured. As a result, the content specialists can look at items in views that are identical to the item cards brought to content review or, alternatively, that resemble how items appear in a test booklet, online, or both. The system ensures that only one user can edit an item at a time by locking out multiple editors. Spell check is also a standard feature of IDEAS. In addition, standards and focus words are linked, so the only focus words that are options for an item are those associated with the item's selected standard.

4.2.1. Item Development Security Procedures

Security is the initial layer in the quality process. The maintenance of test security through the item development process is essential given the nature of high-stakes assessment. DRC recognizes the importance of security and takes necessary precautions to implement and preserve the integrity of test items by maintaining the security of our physical plants, electronic environments, and file transfer processes.

Item Writers and Contractors—All contract item writers sign a statement in which they agree to treat all materials related to item development as confidential and not to disclose the content of the materials or communication about item development.

Physical Document Storage—During the item and form development processes, all hardcopy materials related to item and form development are stored in secure locations when not in use. After review meetings and the delivery of items or printer's proofs, all item and form development materials are boxed for security purposes and final storage. Authorized test development and project management staff can retrieve these materials quickly and efficiently as the need arises.

Electronic Item Bank Security—Noteworthy security features related to IDEAS include the following:

- The item bank's security is provided by secure socket layer (SSL) protocol for information transfer over the Internet and Windows authentication for user access to the bank.
- The system is protected by password assignment and a sign-in process that authenticates users based on each person's role for the project.
- The nature and documentation of user changes made in the item bank are tracked, stored, and displayed by an audit trail feature.

DRC has high-level security structures in place for our hardware, data, and network. Authorized users are provided access only to portions of IDEAS pertinent to their roles.

4.2.2. Developing High Quality, Error-free Items

Employing well-trained, highly competent professionals is a key reason for DRC's success. However, our commitment to high quality, error-free items requires that our procedures and

processes are state-of-the-art and as reliable and thorough as the professionals who implement them. DRC will use the following steps for item review:

1. Before the Department reviews any item, the item is reviewed at multiple levels following the originating author's development and submission.
2. After an author submits an item in IDEAS, an intake editor decides whether the item may move forward to first-level editing. (The intake process may also result in the item being rejected or sent back to the author for revision.)
3. Two subsequent rounds of content editing follow the first review.
4. The content director then gives the item another review before it is submitted to the Department for review.
5. Thereafter, revisions are made per Department request.

These procedures, which are optimized via IDEAS, facilitate the authoring, processing, routing, tracking, and formatting of test items.

Internalizing How Items Should Be Written—DRC understands that the strongest items result from working with the Department. Dialogue with the Department associated with revising and improving items is critical to a well-balanced, robust item pool. Discussion about different phrasings—and sometimes, different item formats—to pinpoint the one that best assesses a particular content standard is critical to providing the best customized item development solutions. We will take our direction from the Department and are committed to working unfailingly to internalize the Department's vision of how items should be written to best measure the standards.

Writer Qualifications—Item authors come from DRC's item and test development team, external writers and contractors, and selected writers from across the country who have excelled at writing for other assessment programs. Item writers are experienced writers, teachers, or former teachers who have a great deal of specialized knowledge in the subject area of their expertise.

DRC uses a screening process to select the best writers, and the qualifications for item writers include the following:

- A bachelor's degree or higher in reading, English language arts, mathematics, science, social studies, curriculum and instruction, and/or a related field.
- An in-depth understanding and knowledge of the special considerations involved in: writing standards-based selected-response items and distractor rationales; developing open-ended and constructed-response items and item-specific scoring guidelines for these items; writing unique, independent items for passages that do not clue or clang; and applying depth-of-knowledge levels, estimated difficulty levels, grade-level (or course-level) appropriateness, readability, and bias considerations to all materials.
- Experience in developing stimulus-based passages with evidence-based selected-response items that engage students in the writing and/or reading process in a meaningful way.

- An in-depth knowledge and understanding of the special considerations involved in constructing extended-response items. These considerations include writing mode or response expectations, appropriate prompt and task scaffolding, and composition theory and principles, as well as difficulty levels, grade-level (or course-level) appropriateness, readability, scorability, and bias considerations.
- Participation in the assessment-specific training workshop.

Internal Editing Cycles—Content-area item and test development specialists and content-editorial specialists review items, tasks, and passages for technical quality; match to standard; bias, sensitivity, and fairness; depth of knowledge; estimated difficulty; and adherence to the principles of Universal Design. The team approach provides a multi-tiered internal review of all material prior to submission for review by the Department.

Our content item development and editorial team reviews all test materials—items, tasks, stimuli, etc.—to ensure that they exhibit the following characteristics:

- Content alignment to or congruence with the knowledge and skills specified in the eligible content or standards.
- Avoidance of trivial content.
- A range of estimated difficulty levels.
- Appropriate grade-level (or course-level) vocabulary, subject matter, and assumed student knowledge.
- Freedom from issues or concerns of bias, sensitivity, or fairness.
- Accessibility following the principles of Universal Design.
- Correct grammar, usage, style, and structure/format.

As a part of our internal review of the items, DRC’s item and test development team members and graphic specialists ensure that item art is reproduced clearly and accurately during development and when test booklets are printed or electronically displayed.

Test specifications are reviewed to identify any potential display requirements that may present challenges in a print or electronic display environment. Display tolerances are impacted by line thickness, percent screening for shading, specialized fonts and symbols, photographs, color, and paper type. These parameters are defined in the Item Specifications during the early stages of the item and test development process to help guide the delineation of style requirements and specifications.

Item art is produced using vector graphics that allow for scalar adjustments without the breakdown of image clarity that is common with lower quality bit-mapped formats. DRC’s multi-tiered quality assurance process makes certain that converted item art is carefully compared to the original format throughout the item and test development and production processes.

4.3. FORMS CONSTRUCTION QUALITY CONTROL

DRC's test development specialists and psychometric staff will ensure that the assessments are of high quality, legally defensible, and meet all of the Department's requirements. It is critical that the content of the test forms match both the content specifications set forth in the test blueprints and guiding documents and the psychometric standards for excellence. Therefore, it is imperative that forms construction be accomplished with the utmost care and precision and that all forms reflect a range of valid content at the appropriate levels of difficulty. The entire pool of approved items will be available to the DRC content specialists for selection and distribution among the field test forms. Upon approval from the Department, the forms will be reviewed internally by our combined item and test development team members and quality control staff. Staff will conduct and monitor internal reviews and quality control processes following all steps in our quality assurance process.

Our test development specialists build a test form based on the content distribution described by the test specifications and blueprints determined by the Department. We pay particular attention to ensuring that potential problems related to developmental appropriateness, item cueing, or redundant content are eliminated. DRC will utilize the process described below to construct the assessments.

DRC's Steps in the Forms Construction Process

1. DRC test development specialists develop the test design blueprint with the Department, including the number of items per reporting category for each subject area/grade combination.
2. Psychometricians analyze item data and flag potential problems.
3. Psychometricians provide the Department and test development specialists with an overview of the psychometric guidelines for forms construction.
4. DRC test development specialists and measurement experts receive training in forms construction, with a focus on requisite content validity and psychometric properties.
5. DRC test development specialists receive all items and accompanying data and are trained to use the form-building software to build forms.
6. DRC test development specialists review all items, following the guidelines for meeting psychometric and content technical quality.
7. Members of the DRC test development staff make initial selection of items according to test blueprint and psychometric guidelines.
8. DRC test development specialists create item-mapping charts for each test.
9. Items selected for forms construction, with item mapping charts, are reviewed by DRC senior-level test development specialists and measurement experts.
10. Final recommendations of items selected for forms construction are prepared for review by the Department.
11. DRC test development specialists work with the Department to make replacements, if needed.
12. Final sign-off takes place by DRC and the Department.

4.3.1. Test Build—Using PERFORM for the Assessment Program

DRC’s test development specialists and psychometric staff will work together to create test forms from items approved at the content and sensitivity review meetings and the specifications documents created at the annual planning meetings. Test forms will be constructed to represent the content in proportion to the standard coverage specified in the test blueprint. The equivalence of new forms will be established by ensuring that operational forms are constructed to have similar test characteristic curves and similar standard error curves.

To facilitate the test construction process, DRC’s item selection software, PERFORM, takes the guesswork out of selecting items to support large-scale assessment programs. It provides a wide range of tools for organizing, classifying, searching, ranking, and querying items, passages, and associated meta-data to support test construction.

Pools of items will be preliminarily screened for selection using the classical item statistics, such as p -values (average proportion correct), biserials, and distractor point biserials. DRC’s software can make use of the following information from the item pool database:

- The content objective to which the item is assigned.
- The association of the item with a passage or stimulus.
- A bias rating indicating whether the item shows evidence of differential item functioning (DIF) for a particular population.
- The IRT item parameters.
- A fit rating indicating how well the item fits the expectations based on the item response theory model used.

DRC’s test development staff first selects a working item pool focusing on items most appropriate to the target grade. The test developer begins by specifying the number of items to be included in the test and a target number of items for each content objective. The test developer can test various combinations of items to meet the content blueprint specifications while concurrently focusing on how well the selection matches the summary statistical targets for the test. The process is iterative, where test development and psychometric staff work together to make sure that a test is selected that best meets all content and psychometric criteria.

Our test selection software tools facilitate the assembly of operational forms that match content and psychometric specifications that are defined by previous operational administration. In particular, tests are selected according to the test blueprints, test difficulty target (as defined by the test characteristic function as well as descriptive statistics), and measurement error target (as defined by the standard error of measurement). Graphic displays that show the test characteristic functions and standard error of measurement for the two sets of selected items are reviewed throughout the test construction process. The similarity of standard error curves implies scores for students with proficiency levels around cut scores will have the same degree of error regardless of the form taken, an important attribute for high-stakes examinations. Operational forms built to these specifications will result in score distributions that are similar across administrations. Consequently, the percent of students falling into the classification categories should be more stable across administrations, given a constant distribution of proficiency. If

proficiency increases, we can have greater confidence that this shift reflects increased student knowledge, skills, and ability if tests are constructed in this manner.

As a final verification, our test building software shows both expected number correct and standard error of measurement as functions of scale score, as well as statistical and graphic summaries of DIF, fit, and the average standard error of the test as finally selected. The test selected can be compared against a reference test(s) from any prior administration to ensure comparability of the new test form. Any faults in the final selection become immediately apparent as the final statistics are generated: whether the test is too easy or too difficult for the target grade, contains biased items, does not meet the requirements to match a parallel form, or does not adequately cover part of the range of student ability. If these problems are detected, our test developers can return and revise the selection. The flexibility and graphic displays of the program encourage multiple attempts at fine-tuning the selection and developing the best possible combination of items to cover all aspects of the assessment requirements.

4.3.2. Form Building and Test Construction Methods

IDEAS allows for any user with proper authorization to review the entire “life history” of an item. After each administration of an item (including field testing), the statistical performance of the item will be recorded in IDEAS for use in future test construction. This allows access to all information on each item in one location.

The form building capability of IDEAS includes the production of summary test sheets/reports (e.g., test maps) that list all components of the item set for the forms. These summary sheets display each item (i.e., the stem, options, and associated graphics) and all item-level information needed for test construction.

For paper tests, print-ready test forms are created directly from IDEAS. An automated function will use the test summary sheet to pull items/passages directly from the bank and place them sequentially on a test form. Staff from the Test Development Team and the Document/Graphic Design Group then work jointly to add any other necessary components (demographics pages, test instructions, etc.) to the test form. Once all of the necessary components are in place, the system automatically generates print-ready files. Thus, the test publishing process is almost entirely automated, which markedly streamlines the overall workflow and provides for the highest quality and efficiency.

For online tests, IDEAS, together with our online testing engine, DRC INSIGHT, allows the creation, editing, and display of online test items. Using the IDEAS item bank, test developers can preview how items will be displayed when presented to students through the DRC INSIGHT system. This allows the online presentation to be viewed early in the development process, also allowing for quick format updates when necessary.

IDEAS does not allow an item with a status of released, rejected, or retired to be placed on a form. The system has safeguards in place so that items that have been assigned a released status are never included in or moved back to the operational item pool.

4.4. ONLINE PRESENTATION OF ITEMS QUALITY CONTROL

DRC is committed to rendering all items for online tests in a manner that is as comparable to the paper-and-pencil modality as possible. Our online publishing quality assurance team has worked on numerous programs that utilize both print and online modes of testing with great success. DRC's team has worked through the obvious differences in the modes (e.g., portrait versus landscape item layout) to help ensure that nothing in the item presentation detracts from a student's ability to interact with the item and response. The online publishing quality assurance team will work with the Department to meet the requirements of a dual-mode assessment.

Once items have gone through online formatting, QA, possible update, and rendering processes, the items will be prepared for Department review. DRC believes strongly that this review should take place using the DRC INSIGHT test delivery system so that the Department can be confident that all items are presented properly in the online environment in the same way that students will see and interact with them. Should there be any suggested or needed changes to this online presentation, DRC will apply the changes only after receiving the needed approvals from the Department. Although seeing the items alone and not within a form is a significant part of the review process, DRC also knows that seeing the items in the context of a fully functioning test is also important; therefore, it is a step in our online quality assurance process. This form review will take place using the DRC INSIGHT test delivery system. Each form will appear and function just as students will see it, including such features as the online tools provided with each item, test directions, help files, calculators, and reference materials.

DRC's online publishing quality assurance team has in place a detailed and formalized checklist. The online checklist includes a variety of checks, including, but not limited to, the following:

- Item formatting is in alignment with the online style guide.
- The proper tools (e.g., rulers, calculators) and reference materials (e.g., formula sheets, glossaries) are available.
- Specific item features that are required across multiple items (e.g., equation builders) are checked using a single-feature review.
- A multi-layered review process with primary sign-off and accountability is in place.

Sample pages from DRC's extensive online form checklist are presented in the following figure.

DRC's Online Form Checklist—Sample Pages

51	Divide
52	Measu
53	Calcul
54	Graph
55	Revers
56	Equati
57	Graph
58	Charac
59	Maxim
60	Scroll
61	ESR n
62	ESR o
63	Help f
64	Stand-
65	TE dire style
66	TE resp style
67	Help fi
68	Drag ar
69	Hot Sp
70	Graphi
71	Line In
72	Circle C

27	Section c
28	Section T
29	Can stud
30	Section r
31	Directio
32	Survey?
33	Correct s
34	Reportin
35	Use Func
36	Correct d
37	Directio
38	Include t
39	Working
40	No horizo
41	Passage c
42	Title/byli
43	Paragrap
44	Paragrap
45	Graphics
46	Paired pa
47	Acknowl
48	Working
49	No horizo
50	Single pa

Online Form Checklist



Client _____ Project Code _____ Date _____

Content Area _____ Grade Level/Course _____

Form Set Properties		PL	C	TT	✓
1	Named according to Form Set naming conventions	●		★	
2	Eligible Grades (where needed)	●		★	
3	Marked as Test Booklet for Online		★	●	
4	Material ID Required checked			★	
5	Help Files (see Help Files list)	●		★	
6	ID values checked (where needed)			★	

Form Properties		PL	C	TT	✓
7	Forms named according to Client form naming conventions	●		★	
8	Material ID correctly entered	●		★	
9	Form Type set to Live			★	
10	Breach checked (where needed)	●		★	
11	Spiral checked (where needed)	●		★	
12	Visual Indicator selected (if available it must be selected)	●		★	
13	Has Audio checked (where needed)	●		★	
14	Has Video checked (where needed)	●		★	

Session Properties		PL	C	TT	✓
15	Number of Items matches number of items in the session		★	●	
16	Show Sticky Notes set	●		★	
17	Rulers set		●	★	
18	Protractors set		●	★	
19	Calculators set		●	★	
20	Session named according to Client session naming conventions	●	●	★	
21	Item sequencing (continue from last or restart?)	●	●	★	

Form Details		PL	C	TT	✓
22	Glossary of Terms component and parameters entered and selected		●	★	
23	Formula Sheets component and parameters entered and selected (check for multiple sessions)		●	★	
24	Periodic Table component entered (check for multiple sessions)		●	★	
25	Sections within a Session (see Section list)	●	●	★	
26	Scramble plan followed (non-content clients only)		★		

PL= Project Lead
C= Content
TT= Technology Team

4.5. FORM PRODUCTION/PRINTING QUALITY CONTROL

DRC understands that the Department requires error-free materials. We take great pride in the excellence of the testing publications we produce. Testing-related materials for the program will be **produced through DRC's ISO 9001-certified Document Services business unit** that incorporates our Document/Graphic Design Group and our complete in-house Printing Department. DRC's highly experienced graphic designers work with multiple publishing software systems to provide complete publishing capabilities. In addition, our editing professionals ensure that documents are accurate and error-free. These in-house resources give DRC a unique ability to address large-scale development requirements within restricted parameters and timeframes, offering our state testing clients technical accuracy, design options, and scheduling flexibility.

In addition to ISO 9001 certification, DRC has earned **Quality Level II status from the Government Printing Office (GPO)**, which is the second highest status that can be awarded (Quality Level I status is reserved for printers who produce bound books, four-color varnished promotional pieces, or other similar materials).

DRC will collaborate with the Department to maintain a program style guide to ensure consistent application of preferences and expectations across all program materials. Documents printed at DRC are printed to exacting specifications to guarantee the highest possible data integrity for image scanners.

DRC follows a meticulous set of internal quality standards to ensure high quality printed products. DRC assures the Department of our commitment to produce accurate test materials. DRC will provide initial page proofs of test booklets, manuals, and other testing-related materials to the Department in either paper or electronic format, as requested.

In order to meet quality requirements, DRC will adhere to quality control procedures that encompass the entire production phase—from typesetting to printing. Members of DRC's Test Development, Document/Graphic Design, Editing Services, Project Management, Quality Assurance, and Information Systems Teams will collaborate both internally and with Department staff, as appropriate, throughout each phase of development. The quality processes DRC will use to achieve error-free production include:

- **Test Development Review and Quality Check**—Confirm consistency and quality of content and format across documents; query any test item that is suspect from a content standpoint. Review mock-ups of all test booklets and manuals to be used and make certain that the instructions in the manuals match the test booklets and other materials. Review draft materials in conjunction with Department staff to ensure error-free materials before the next step of production. An external review will take place to verify the correct answers for selected-response items. Work with the Department to revise scoring keys whenever necessary.
- **Publishing Review and Quality Check**—During the electronic publishing stage (typesetting and design), ensure that all changes to publications are accurately incorporated by conducting word-for-word proofreading prior to submission to the Department.

- **Professional Editing Review and Quality Check**—Conduct independent quality checks, technical editing, copyediting, and word-for-word proofreading for each document according to the particular phases of the materials production cycle. State style requirements and any unique editing conventions will be adhered to. Provide suggestions for revisions to text and format where appropriate and query potential issues to offset the possibility of problematic, misleading wording in directions and test items. Conduct a final review of the test booklets and manuals to confirm that all directions in each form work in concert and are accurate and easy to follow. Submit final proofs to the Department for final review and print approval. Conduct final reviews of printer’s proofs prior to bulk printing.
- **Information Systems Review and Quality Check**—Certify that all scannable documents are designed, developed, and printed within specified scanning requirements and tolerances. This technical review ensures error-free processing of scannable documents that will prevent delays in the data delivery and reporting schedule.
- **Printer’s Reviews and Quality Checks**—Check press proofs to ensure high quality printing and verify adherence to printing specifications. Pull every thousandth document to check print quality throughout the print run.

4.6. PACKAGING, SHIPPING, AND MATERIALS RETURN QUALITY CONTROL

Accurate packing, shipping, and collection of test materials will be critical to the ability of districts and schools to successfully administer the program. DRC is proud of our quality excellence in this area and is committed to upholding that level of excellence for the Department. Our packaging and shipping quality procedures are described below.

Packaging and Shipping Quality Procedures

- **Detailed Instructions**—Based on contract requirements and specifications, detailed Scope of Work Agreements (SOWAs) are established by the Project Management Team working in conjunction with our Operations staff. The SOWAs are available for Department review at each step of the process.
- **Walkthroughs**—The Project Management Team conducts a walkthrough of the assembly process prior to each shipment to check that all materials and packaging specifications meet Department requirements or expectations.
- **Ongoing Monitoring**—The Director of Materials Operations and the Logistics Manager monitor the materials assembly area and report any irregularities to the Project Management Team.
- **Secondary Checks**—Our Operations staff perform secondary checks on all packing lists and boxes before they are sealed for shipping.
- **Easy Identification**—All district and school shipping labels are quality checked to prevent materials going to incorrect locations. Site labels on each box are compared to the shipping address label and matched for accuracy.
- **Traceability**—Shipping carriers have online, traceable distribution systems to track all materials.

DRC's materials return quality procedures are described below.

Materials Return Quality Procedures

- **Tracking of Boxes**—Upon receipt of materials at DRC, all returned boxes are scanned in through our automated Box Receipt System. Quality control reports are generated to compare materials received against the shipper's manifest and the district counts. Materials return information is available to the Department on a daily basis.
- **Tracking of Test Materials**—After boxes are scanned, the contents are separated for processing and secure materials are scanned in using DRC's Operations Materials Management System (Ops MMS). The used scorable documents are then handed off to and processed by the Imaging Department. The subsequent scan data is matched back to the receipt scan in Ops MMS.
- **Missing Materials Reports**—DRC generates missing materials reports, which are available for the Department to review. After all materials have been checked in and discrepancies have been routed for resolution, a final report is generated for the Department.
- **Communication**—The Project Management Team communicates with the Department regularly during the entire materials receipt process to discuss any concerns or issues.

4.7. SCANNING AND SCORING QUALITY CONTROL

4.7.1. Test Decks using Mock Data

DRC will document quality control processes by developing a scanning, scoring, and reporting (SSR) document for the program. This document will outline all quality control procedures in order to ensure that data is accurate and verifiable and that assessment results are delivered according to project schedules. It will also describe processes to reconcile any testing irregularities and invalidations with Department records, both during and following test administration. The SSR document will be submitted to the Department for approval before test administration begins.

Prior to any test materials returning to DRC, the software quality assurance staff perform extensive tests using **mock student data** to ensure all scanned data (including demographic data and selected-response student responses) are captured and accurately stored in a secure database environment. Each record in the database is independently verified against the test decks for validation.

The analysts will follow a software testing methodology that thoroughly evaluates and verifies the scanning and scoring system and verifies each scanner is configured and set up for the appropriate assessments being scored. This process includes validating test decks, which are composed of answer documents with and without mock student and school pre-identification (pre-ID) information for each form/version of the test. The test decks are specifically gridded to include a variety of possible student response permutations and combinations.

The test decks are processed completely through DRC's systems to verify the following:

- Readability of security, student, and school barcodes
- Data capture of pre-gridded and barcode information

- Accurate capture of district and school codes
- Consistent data capture on all scanners
- Accurate scan positions on all documents and forms
- Scanner calibration and hardware functionality

Following the validation of the mock student data, when the first live tests are returned to DRC, the software quality assurance staff also perform a validation of all production data (live student data) processed through the system. **Each student record is verified for accuracy** to ensure high quality data file development and reporting.

Scanning Quality Procedures

- **Test Decks**—DRC processes test decks configured for the assessments through the production systems.
- **Calibration**—Daily calibration and scanner cleaning processes are conducted to ensure read-level consistency.
- **Standard Edit Processes**—Every scannable document is processed through edit programs to detect potential errors (double marks, smudge marks, omits, etc.).
- **Multiple Reviews**—The Document Processing Supervisor conducts a review of the entire first batch prior to full production to ensure error-free processing.
- **Quality Control Reports**—Daily quality control reports for each editor are reviewed by the Document Processing Supervisor to monitor the accuracy of the online editing process.

4.7.2. Early Return Data Verification

To verify the accuracy and quality of scanning and scoring for the programs DRC will use the early return student answer documents to conduct completed runs. The results from the early returns will be thoroughly checked to ensure that the hardware and programming specifications are working correctly and to verify all early return data. DRC will work with the Department to develop an early return data verification process that meets the Department's needs and requirements, including early return data file review and approval by the Department, if desired. Only after complete verification of the accuracy of the early return data files will DRC commence with scanning and scoring for all districts.

4.7.3. Image and Scan Quality Control

Quality control procedures are critical to DRC's document scanning process. All image scanning programs go through quality review before testing materials arrive at our facilities. Throughout the scanning process, batches are checked for quality and scanning accuracy by experienced Document Processing staff. All scanners are calibrated and cleaned on a regularly scheduled basis to ensure accurate and consistent scoring. DRC also has an on-site field service engineer to resolve any technical issues as they arise.

DRC's scanning process produces comprehensive, detailed information, including:

- Student demographic data
- Student selected-response response data
- TIFF images of complete documents
- Identifiers to link the TIFF images to the student demographic data

Our quality control procedures for document scanning are highlighted below.

Quality Control Procedures for Document Scanning

- Department-approved Scope of Work Agreements (SOWA) will be established. All processing and scanning staff will adhere to the requirements contained in the SOWA.
- As scanning occurs, a unique serial number is printed on each sheet of paper. This serial number ties documents together and maintains sequencing within batches.
- The scanners pick up pre-defined processing criteria related to pre-printed barcodes, selected-response items, and student demographic and identification information. Student responses to constructed-response and extended-response items are scanned; images are then separated out for image-based handscoring.
- As documents are scanned, the scanner is monitored to ensure that images meet DRC's strict quality standards.
- Regularly scheduled calibration and scanner cleaning processes will be conducted to ensure image and read-level quality and consistency.
- All scanned images will pass through a software clean-up program and process. After image clean-up, a random sample of images is presented for image quality approval. If any image fails to meet DRC's quality standards, the entire batch of documents is rescanned.
- Page-scan verification is performed to ensure that all pre-defined portions of a document were correctly captured. A flatbed scanner is used to capture responses and images for any missing pages. These images are then added to the image data file and merged with the appropriate document.

Editing

After scanning, the documents are processed through a computer-based editing program to detect potential errors in specified-response fields. Marks or omits that do not meet the pre-defined editing standards are flagged and routed to the Document Processing editing staff for resolution.

Using unique serial numbers printed on the documents during scanning, the editors compare the actual documents to online data. Corrections are then made to the data file according to pre-defined, program-specific guidelines. The editing staff follows strict quality control procedures to produce clean data files that can be submitted for scoring and reporting functions.

DRC's editing quality control procedures are highlighted below.

Editing Quality Control Procedures

- Edit specifications will be developed mutually by the Department and DRC.
- Experienced editors meticulously review any potential irregularities detected during scanning and make necessary corrections online to the image data file, referring to the actual document as required.
- Editors determine if the marks are valid (based on assessment requirements) or non-correctable.
- All items flagged during document scanning are presented to editing staff for first-time entry.
- Any changes made to scanned values and all items entered the first time are double-keyed for verification by editing quality staff.
- Once verification by editing quality staff is completed, a quality control report is generated for review during post-editing.
- After all corrections for a batch have been entered and verified, the correction file is stored in a relational database for reference.

Post-Editing

A final edit is performed to confirm that all requirements for final processing have been met. Once the demographic information and selected-response data pass all the pre-defined editing processes, the images of the student responses to be handscored are extracted into files for scoring and are transferred and routed for handscoring scoring by qualified readers. Images are stored so that they can be efficiently retrieved on the basis of student and school identification information, scores, and item information. Upon completion of processing, scannable documents are boxed for security purposes and final storage.

Our post-editing quality control procedures are highlighted below.

Post-Editing Quality Control Procedures

- During this processing step, the actual number of documents scanned will be compared to the number of scannable documents assigned to the box during Material Receipt. Any count discrepancies between Material Receipt and documents scanned will be resolved at this time.
- Suspect student pre-IDs, district and school numbers, and document IDs are reviewed for additional verification.
- All editing quality control reports are reviewed to ensure all changes were processed accurately.
- All corrections during post-editing are made electronically and a new validation report is generated to confirm the changes have been processed accurately and the report is clean.
- After all final processing requirements have been met, the batch is released for student-level processing and handscoring of constructed-response and extended-response items.

4.7.4. Score Key Quality

The integrity of item, form data, and score keys is evaluated in several ways. Test development specialists, psychometric staff, and software quality assurance analysts check the score keys through a series of validation procedures at varying junctures. Score key quality procedures apply to both paper and online response scoring, and include:

- **Verify for accuracy**—Score keys are verified for accuracy based on multiple reviews by test development specialists, psychometric staff, and software quality assurance analysts. All item data and score keys are reviewed and approved by each group prior to scoring the tests.
- **Take the test**—Multiple staff with specific content knowledge take each form of the test (paper and online) and compare their results against the score keys on the test maps. The score keys and strand information is again verified during this step.
- **Score key file import**—DRC imports the approved keys received into our scoring system. Once the keys are successfully imported, software quality assurance staff re-verify the keys used by the scoring engine.
- **Database accuracy**—All items are scored in the system using the correct and incorrect item distractors. The database is validated to make certain the distractor captured in scanning was saved correctly and that the item was given a correct or incorrect answer.
- **Automated system checks**—The scoring engine has automated system checks built-in to validate score keys and proper merging of selected-response, constructed-response, and extended-response items. Additionally, the software quality assurance team performs independent checks on this data.
- **Item Analysis**—Psychometricians conduct classical item analysis on selected-response items to identify items that are not performing as expected. Items with potential mis-keys are verified by content experts.

4.8. HANDSCORING QUALITY CONTROL

Accurate and consistent results are the backbone of all handscoring activities. The following methods used by DRC guarantee scoring quality:

- **Anchors** are pre-scored student responses used to define and exemplify the score scale from the scoring guidelines. For each score point, anchors will be selected to reflect the range of performance represented by that score based on the judgment of the rangefinding committee members. The anchors, which will be included in the scoring guide, will be used to clarify the scoring scale during scorer training.
- After an **intensive training** session, qualifying rounds will be conducted by scoring directors.
- **Qualifying** responses impart similar lessons and highlight similar scoring decisions to the anchor and training responses which have been pre-scored through rangefinding. The qualifying responses will be divided into sets and scored independently by each scorer trainee. The data from these qualifying rounds will be used to determine which scorer trainees will be qualified for actual scoring.

- **Validity and recalibration** responses will be used throughout the scoring session to monitor the scoring by comparing each scorer's scores to pre-determined scores. Validity/Recalibration sets are used to re-focus scorers on the scoring standards by comparing the pre-determined score to that assigned by the scorer. In addition, these examples may be used by the scoring director or team leaders for a re-training session.
- Team leaders will conduct routine **read-behinds** for all scorers.
- **Inter-rater reliability and score point distribution reports** are another method of rating scoring quality. To monitor scorer reliability and maintain an acceptable level of scoring accuracy, DRC will closely review reports that will be produced daily. The reports document individual scorer data, including scorer number, number of responses scored, individual score point distributions, and exact agreement rates. DRC will investigate any issues and resolve any problems these reports identify.

4.8.1. Handscoring Quality Control/Summary Reports

DRC is proud of the scorer quality control reports that we have developed for our handscoring projects. Because we can produce these reports on demand, we can assure the Department that immediate action will be taken to resolve scoring discrepancies within minutes (when necessary) of the first and/or second reading. DRC proposes to prepare numerous reports to monitor the quality and effectiveness of various aspects of the project. We will work with the Department to determine which reports are desired for the program. Our handscoring quality control reports are described in the following table.

Handscoring Quality Control Reports

Report Title	Report Specifics
Scoring Summary Report	<p>DRC's Scoring Summary Report provides daily and cumulative inter-rater reliability results, score point distribution data, and production volumes for each reader and item.</p> <p>Inter-rater Reliability Monitors how often scorers are in exact agreement with each other and ensures that an acceptable agreement rate is maintained. This report provides daily and cumulative exact and adjacent inter-scorer agreement and the percentage of responses requiring resolution (only if required). The calculations for this report are as follows:</p> <ul style="list-style-type: none"> ■ Percent Exact—total number of responses by scorer where scores are equal divided by the number of responses that were scored twice. ■ Percent Adjacent—total number of responses by scorer where scores are one point apart divided by the number of responses that were scored twice. ■ Percent Non-Adjacent—total number of responses by scorer where scores are more than one score point apart divided by the number of responses that were scored twice, when applicable. <p>Score Point Distribution Monitors the percentage of responses given each of the score points. For example, for items on a 0–4 point scale, this daily and cumulative report shows how many 0s, 1s, 2s, 3s, and 4s a scorer has given to all the responses he or she has scored at the time the report is produced. These percentages can be compared to room-wide percentages to detect potential individual scoring issues.</p> <p>Production Volumes Indicates the number of responses read by each scorer each day so that production rates can be monitored. Additionally, it includes totals for each item, so that progress toward completion can be monitored.</p>
The Item Status Report	<p>Monitors the progress of handscoring. This report tracks each response and indicates the status (e.g., “needs a second reading,” “complete”). This report ensures that all discrepancies are resolved by the end of the project.</p>
Reader Score Report	<p>Identifies all responses scored by an individual scorer. This report is useful if any responses need rescoring due to potential scorer drift.</p>
The Read-Behind Log	<p>Used by team leaders/scoring directors to monitor scorer reliability. Team leaders randomly select and read scored responses from each team member daily. If the team leader disagrees with the scorer's score, remediation occurs, either with the team leader or the scoring director. This has proven to be a very effective form of feedback because it is implemented with items live-scored by individual scorers.</p>
Validity Reports	<p>Can be generated on demand throughout the scoring process. All validity reports compare pre-determined scores to scorers' scores for validity responses. These reports can be run at the individual, team, or room level in order to detect individual, team, or room-wide scorer drift.</p>

4.8.2. Quality Control of the Handscoring Imaging System

Software quality assurance analysts test the imaging system to verify that all handscoring programs are compliant and in place for performance assessment personnel prior to the transfer of production images. Images produced from test scan files are randomly distributed to handscoring computer terminals, where quality assurance analysts score the test images using the state-specific handscoring criteria and specifications. Throughout this testing cycle, multiple quality checks are executed to ensure that the data integrity for each student record is intact and accurately reflected in the scoring database.

The handscoring quality control reports are also tested by quality assurance analysts during this process to ensure that the performance assessment personnel will be able to track scorer reliability, score point distribution, and item status throughout the handscoring phase of the assessments.

4.9. ONLINE SYSTEMS QUALITY CONTROL

DRC is proud of the web-based systems that we have created in conjunction with many state departments of education over the years. Our commitment is to deliver high quality content and error-free, reliable web-based systems to our state department clients, along with educators and students. Recognizing that quality is the most critical element of our business, we have developed and refined our quality system to ensure the highest level of quality and customer satisfaction will be provided to our clients.

DRC's quality assurance staff monitor web-based system development to ensure reliability, maintainability, usability, and adaptability.

4.9.1. Application Testing

DRC tests all system functionality prior to release for operational testing. The remainder of this section describes our software quality assurance and application testing approach. Upon award, we will thoroughly document the specific testing plan for the program as well as the results of the application tests, and provide both the testing plan and subsequent results to the Department with sufficient time to review and request changes. We will demonstrate the final, fully tested version of the system to the Department prior to administration.

4.9.1.1. Application Development Environments

DRC manages four distinct environments for our application development:

- Development environment
- Quality Assurance (QA) environment
- Pre-production environment
- Production environment

Our "best practices" process starts with programs created in the development environment, and then migrated to the quality assurance (QA) environment. In the QA environment, the Software Quality Assurance (SQA) group verifies the programs meet all our performance and usability

requirements. Once the QA testing is successfully complete, the programs are sent to the pre-production environment. This environment, also known as Staging or User-Acceptance, mirrors the production environment, and allows software release candidates to be reviewed in their final state before deployment to production. Once approved in pre-production, software is deployed into the production environment. This methodology is supported by separate servers for each environment. The separate environments allow for development, testing, pre-production and production to happen concurrently, while not compromising any environment. As each phase is completed, the code is physically migrated to the appropriate location for the next step in the development cycle.

4.9.1.2. Application Testing and Quality Assurance for Online Testing

DRC's online system testing and quality control processes leverage the best practices learned through our years of web-based system development. Our procedures ensure that our test software performs as expected; that tests are presented to students exactly as they were designed to do; that tests are scored accurately; and more. Prior to operational use, DRC's quality assurance staff will perform full system-level tests in an independent test environment that simulates the production configuration. Tests are run on all supported computer platforms and browsers and include comprehensive review of system functionality, usability, reliability, security, and overall performance. Systems content is also validated for accuracy during this process.

Our online testing system quality review processes include:

- **Editorial review**—A multi-step editorial review of all item computerized displays is performed, including graphs, charts, illustrations, and tables.
- **Install/uninstall testing**—Installation procedures (for the secure browser), software updates, and patches are fully tested prior to releases.
- **Unit testing**—System features are subjected to functional testing by the software development staff. At this stage, issues can be detected and corrected prior to release to the quality assurance staff.
- **System testing**—The system is validated against requirements by software quality assurance staff and subjected to full functional testing. This process includes verifying system accessibility, links, security, and performance. Issues can be detected and corrected prior to the final release.
- **Test decks**—DRC submits tests through the production systems to ensure all student responses are captured and accurately stored in a secure database environment. Each record in the database is independently verified against the test decks for validation. These test decks are custom configured by program to ensure that all program-specific requirements are being met by the online testing solution.
- **Performance and load testing**—Simulation of heavy loads on the system are performed to confirm that the solution will meet performance expectations.
- **Security testing**—Extensive tests are performed to ensure security requirements are being met on the system and user access is limited to the appropriate security level.

- **Platform testing**—The system is tested on all supported computer platforms and browsers to ensure consistent and reliable performance.
- **Large-scale simulations**—Cross-functional teams of 40–50 individuals perform exploratory tests on all enhancements to the online test client software to ensure usability and reliability across a wide range of usage scenarios.
- **Testing Site Manager (TSM) testing**—DRC verifies that the testing software interacts with a Testing Site Manager (TSM) when present in a school’s network to ensure efficient, uninterrupted testing for students.
- **Database accuracy**—Quality assurance staff perform extensive tests to ensure all data captured in the online system is stored in a secure database environment.
- **Scored data**—Quality checks are performed on the data to ensure that test scores have been computed correctly against the score keys and scoring requirements.
- **Independent Department review**—The system will be provided to the Department for validation prior to the release to state educators and students.
- **Final production form reviews**—Final review of production forms prior to use by students is conducted.

Below, we describe in greater detail our approach to performance/load testing and user acceptance testing.

4.9.2. Performance Testing

DRC conducts performance tests on measurable system components, allowing us to identify the contributing factors that affect performance. System performance tests are run on the following components/scenarios:

- **Open Browser:** Student clicks on the secure browser icon and waits for the landing page to load
- **Log into Student Info:** Student presses the Sign In button after entering username and password
- **Load Test:** Student clicks on the test name and waits for the test to fully load
- **Begin Test:** Student clicks on the Begin Test button and waits for the first item to be displayed
- **Insert Response:** Student moves from one item to another after entering a significant amount of response data (1000 characters). This also applies to selected-response item types where the number of characters would be one (1).
- **Reload Test:** After a student pauses and exits a test, load the test again. This is similar to Load Test; however, this will also load all of the student’s previous responses.
- **Submit Test:** Student clicks the Submit Test button and waits for the next screen to appear.

Performance tests are based on the anticipated number of students who will test concurrently for a given assessment. **DRC repeatedly runs performance tests at three times the expected rate** to demonstrate our system will perform well above the required capacity without error. When evaluating expected loads, we also take into account the effect of varying testing patterns throughout the administration window. For example, test loads are typically lower at the beginning of the test window, reach their peak mid-window, and fall off again at the end of the window. Tests loads also trend higher or lower on certain days of the week, and certain times of day. All of these criteria are factored into our performance load testing process to ensure we are prepared for every scenario.

4.10. REPORTING QUALITY CONTROL

DRC has proven success with understanding and implementing reporting requirements. We offer a demonstrated record of providing accurate results within specified reporting deadlines for large-scale, statewide assessment programs around the country. DRC's primary goal in reporting will be to ensure the quality of assessment data and reports and to make certain that each record is tested and verified for completeness and accuracy.

DRC's Reporting Team is dedicated to the design and implementation of the report process. This cross-functional team includes instructional experts, psychometricians, test development specialists, business analysts, software developers, software quality assurance analysts, and project managers. Each of these key resource groups contributes its own unique expertise to ensure that all reports produced by DRC are of the highest quality possible and meet all client needs and specifications.

Our reporting quality control processes are described below.

4.10.1. Reporting Requirements

DRC and the Department will work closely to define reporting goals and requirements. DRC will produce a document that explicitly describes all of the processing rules used for the design and development of the scoring and reporting software, as well as the result reports and data files. This document will be used as the standard for all software development, the definition of acceptance testing criteria, and the development of scripts for test plans during the internal quality assurance process. Our psychometricians will ensure that data flow from materials receipt or online submission through reporting complies with industry standards for educational and psychological testing.

4.10.2. Report Mockups

Report mockups will be an especially critical part of the report development process for the program. DRC will create report mockups representative of the exact production reports to be delivered for each administration and assessment program. The mockups will be comprised of simulated, but realistic, data elements. The mockups will be in the required report layout, display the agreed-upon reporting elements, content, style, layout, design, colors, and font, and will demonstrate paper size and printing output. DRC will follow a process that provides the Department with the opportunity to review, edit, and approve all mockups prior to report development. DRC will work with the Department throughout the review process to incorporate any changes or modifications. DRC also anticipates that the Department may wish to create

“test” data files for Department review and approval to verify changes to the data file layout. Each test data file will contain one line of data to verify that DRC and the Department are in agreement with what will be included in the data files.

4.10.3. Report Generation and Quality Procedures

DRC is committed to ensuring the quality of student data and to make certain that each student record is tested and verified for completeness and accuracy. To achieve this, we will employ a two-step report generation process using mock student data. The first step is to perform all calculations and analyses to produce the data elements contained on the reports. The second step takes the data and formats it for presentation on the reports. This process allows the data to be thoroughly verified prior to and independent of formatting of the reports. Then, only after the mock data phase meets all requirements, reporting will continue using live student data captured and processed during scanning and scoring of returned tests. Upon completion of our thorough data verification process, quality checks will be performed on the data placement and report-file formatting for each data element displayed on the reports. All reporting data elements will be verified back to the production data file and the reporting processing rules. Additional quality cross-checks will be performed to ensure accuracy and consistency across all reporting mediums for the assessment. DRC’s focus on “building in quality” and “issue prevention” ensures reporting accuracy.

4.10.4. Final Data and Report Review

All DRC data operations are subject to multiple checks for accuracy before results are released. DRC will develop and implement quality control procedures for checking the accuracy of all test item information, all student scores and identification, and all summary data. DRC will create detailed logs that trace the application of quality control procedures to the score reports for each administration.

The final data and reporting review with the Department will be a critical component of our reporting process. The Department will review and approve all data and reports prior to final production. Reports will not be provided to districts and schools without Department approval. DRC’s Reporting Team will also perform a thorough quality assurance review prior to release of reports and data files. DRC will post sample district data files, district reports, and school reports to an SFTP site for Department review and approval prior to posting any results for districts and schools.

4.11. QUALITY CONTROL PROCEDURES FOR SUBCONTRACTORS AND VENDORS

As prime contractor, DRC is completely responsible for the quality of work under the contract. DRC’s **Program Manager** will oversee and coordinate the work of our subcontractors for the program. Should the Department be dissatisfied with the services performed by DRC or any of our subcontractors, we request that we be given notification and a mutually agreed-upon time period to take corrective action. We will take our role as the assessment provider for the program seriously and will do everything in our power to ensure that the Department and the districts and schools throughout the state are completely satisfied with our performance.

DRC views our supply base as an extension of our business processes. We hold our subcontractors to the same high standards we hold ourselves. DRC's Vendor Management Program encompasses the following:

- Defines a set of DRC process specifications and other business requirements we expect our supply partners to meet.
- Utilizes an on-site business process assessment where key DRC Procurement and Quality staff members audit key supplier business processes, as required.
- Conducts monthly and annual business reviews of supplier performance (reviewing performance requirements around quality, delivery, and overall service). When necessary, corrective action plans and follow-up sessions are also included during these reviews.

5. Concluding Remarks

As described above, DRC has in place the necessary quality control processes—from initial project planning through the delivery of final reports—to successfully develop and administer large-scale assessment programs. Through our Quality Management System, DRC is confident in guaranteeing the accuracy and on-time delivery of the Pennsylvania Department of Education System of Assessments.

Appendix M: Sample Risk Management Plan

EXX### Project DRC Risk Register

Risk Register - EXX### Project																
Ref ID	Causes	Risk Event	Consequence	Date		Risk Owner	Risk Prob	Risk Impact					Risk Score	Risk Response	Risk Triggers/ Risk Plan	Proj #
				Opened	Closed			Effort	Sched	Qty	Depts	Other	P x I			
1	Established timeframes require SQA and PS receive EIS produced files at the same time	Data issues found on PS input files after official handoff	Data issues affecting PS analysis will require complete PS re-work. Any rework will include delays to when item stats are available for TD	x/x/xx		PS, IS, SQA	3	3	7	5	8	4	24	Mitigate	IS will produce daily production files for SQA and PS to review prior to the final file.	EXX###
2	Tight Form Development	Forms will not be available for the Start of UAT Testing	Potential impact to testing dates.	x/x/xx		EPM	2	5	9	3	4	1	14	Mitigate	Implement a phased development schedule reducing pressure on the critical path.	EXX###
3	Customer support volume for assessments is difficult to predict.	Customer Service ramp-up will be significant, quick turn-around, and with little warning.	Resulting in staff not being sufficient during peak call volumes	x/x/xx		EPM	4	7	1	1	3	1	20	Mitigate	Train additional staff in advance to be available for potential quick ramp-up.	EXX###
4	Limited client availability	May result in delays to the decision making process	Adding increased pressure to the schedule	x/x/xx		EPM	3	7	9	5	8	1	27	Mitigate	Prioritize key decisions that need to be made by SDE to ensure critical path does not slip.	EXX###
5	A scope change occurred late in the development cycle	Insufficient time for development and testing	Compressed schedules and possibly late deliverables	x/x/xx		IS, EPM	2	7	9	8	8	1	18	Mitigate	Work with SDE to develop revised timeframes for non-time critical deliverables impacted from the scope change.	EXX###
6	CR Responses need to be sent to an outside vendor for scoring	CR Responses delayed	Delay in Reporting	x/x/xx		EPM, EIS	6	9	7	5	7	1	48	Mitigate	Complete through UAT testing and continue to monitor during testing window	EXX###
7	Manuals need to be printed before final quantities are available.	Shortage of materials	Increased cost for expedited creation and shipping of additional manuals	x/x/xx		EPM	4	5	7	3	6	1	28	Mitigate	Work with client to get a estimated calculation based on other like programs. Plan a larger than normal overage amount to account for unexpected variables.	EXX###
8	Requirements documents require input from an outside vendor	Delay in Requirements Sign-off	Impacts to development and configuration tasks	x/x/xx		PAS	3	5	5	1	5	1	15	Mitigate	Begin requirements gathering ahead of schedule to minimize delays to the end date.	EXX###
9	Temporary internet outage	Students are unable to log-in.	Delays in school testing schedule	x/x/xx		MAT, DP, EPM	2	3	3	3	8	1	12	Accept	Since the TSM will cache students responses and item content, students already taking the test will not be impacted. Students not in the process of testing can resume testing once the internet outage is restored	EXX###
10	Planning and requirements meetings are not able to be held when expected.	Slippage in schedule requires downstream tasks to be "rushed"	Inadequate time is available for tasks and/or steps must be skipped to meet deadlines	x/x/xx		EPM	5	2	9	8	7	3	45	Mitigate	Adjust schedule on an on-going basis and begin planning and requirements gathering as early as possible in the project.	EXX###

EXX### Project DRC Risk Register

Risk Register - EXX### Project																
Ref ID	Causes	Risk Event	Consequence	Date		Risk Owner	Risk Prob	Risk Impact					Risk Score	Risk Response	Risk Triggers/ Risk Plan	Proj #
				Opened	Closed			Effort	Sched	Qty	Depts	Other	P x I			
11	Key personnel have limited availability.	Requirements gathering sessions are not addressed in adequate time.	Slippage occurs in the schedule.	x/x/xx		EPM	5	2	9	8	7	4	45	Mitigate	Schedule requirements meetings as early in the project as possible. Consolidate sessions whenever possible.	EXX###

DRC Risk Register - Risk Rating Scale

Probability Scale										
Rating	1	2	3	4	5	6	7	8	9	10
% Probability	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Impact Scale					
The Template will calculate the impact by rounding up the average of the highest two ratings in the categories outlined below (e.g. 8 and 5 = 7).					
Rating	Additional Project Effort (Hours)	Impact to Contract Deliverables (Days)	Quality Impact	Departments Impacted	Other Considerations
10	(10) 1001+	(10) Contract deliverable(s) timeline(s) will need to be adjusted 2 or more days	(10) No Quality checks will be able to be performed	(10) All Departments associated with the Project (> 6)	(10) Potential liquated damages > \$500,000
9	(9) 301-1000	(9) Contract deliverable(s) timeline(s) <u>will</u> need to be adjusted 1 day	(9) # of quality checks or time available for quality checks reduced by 76%- 90%	(9) 6 Departments	(8) Potential liquated damages > \$250,000
8			(8) # of quality checks or time available for quality checks reduced by 51%-75%	(8) 5 Departments	
7	(7) 101-300	(7) Contract deliverable(s) timeline(s) <u>will</u> need to be adjusted within the same day (a few hours)	(7) # of quality checks or time available for quality checks reduced by 21% -50%	(7) 4 Departments	(6) Potential liquated damages
6				(6) 3 Department	
5	(5) 41-100	(5) Contract deliverable(s) timeline(s) <u>may</u> need to be adjusted within the same day (a few hours)	(5) # of quality checks or time available for quality checks reduced by 11%-20%	(5) 2 Departments	
4					
3	(3) 11-40	(3) Increased pressure on Contract Deliverable dates	(3) # of quality checks or time available for quality checks reduced by 10%	(3) > 2 Resources (Single Dept)	
2				(2) 2 Resources (Single Dept)	
1	(1) 0-10	(1) No impact to Contract Deliverable dates	(1) No Impact to Quality	(1) 1 Resource (Single Dept)	(1) Other Considerations not applicable for this risk.
Notes:	Additional Project Effort is defined as additional hours not planned for in the contract or baseline project plan.	Impact to Contractual Deliverables is defined as a shift to non-negotiable contractual deliverable dates (e.g. Reports due in district, Materials drop in district etc).	Quality checks are defined as optimal number of checks in place to ensure 100% accuracy. Time available for quality checks is defined as the estimated to complete planned quality checks.	Departments Impacted Include: EPM, EIS/SQA, IIS, CIS, CT, TD, PAS, PS, DP, Logistics, MAT, DS, PPS, HR, PMO, Contract Management, Proposals, Gov Affairs, Accounting, Facilities, Marketing, Corporate Quality	Other Considerations: This category takes into considerations contract agreements.

Key - Risk Score (P x I)	
1-19	Risks to simply document (low risk) -- Keep and eye on to ensure probability or Impact to not significantly increase. <i>These risks are generally managed by the project manager and team.</i>
20-39	Risks you would likely do further analysis on and track closely (Perform Quantitative Risk Analysis process and/or the Plan Risk Response process). <i>These risks are expected to be escalated to Manager, Program Director, and VP.</i>
40-100	Risks that require deeper analysis and must be tracked closely (Perform Quantitative Risk Analysis process and/or Plan Risk Responses process). <i>These risks are expected to be escalated to the Program Director/VP, Department Sr. VP and further if necessary.</i>

DRC Risk Register - Field Definitions

Cause, Risk Event, and Impact Definitions/Examples	
Causes	<p>Definite events or sets of circumstances that exist in the project or its environment and which give rise to uncertainty</p> <p><u>Examples:</u></p> <ul style="list-style-type: none"> - Will use vendor for printing - Using unproven technology - 50% of the project team is new to DRC - Client is understaffed
Risk Event	<p>Uncertain activities that, if they occur, will effect the project objectives</p> <p><u>Examples:</u></p> <ul style="list-style-type: none"> - Vendor prices fluctuate depending on backlog of work - Unproven technology will not meet project requirements - Client expectations are misunderstood - Client will not have capacity to make project critical decisions
Consequence	<p>Unplanned variations from project objectives (positive or negative) which are a result of risks occurring</p> <p><u>Examples:</u></p> <ul style="list-style-type: none"> - Budget impact - Schedule delay - Project quality Impacts - Failure to meet project deliverables

Risk Owner	
Determining Risk Owner	<p>A risk owner is the person whom the project manager assigns to watch fro triggers, and manage the risk response if the risk occurs.</p> <p><i>Most people are assigned to be a risk owner because:</i></p> <ul style="list-style-type: none"> - of a unique expertise with the issues relating to the risk - they have some responsibility and control over the risk - may have valuable insight into further analyzing the risk - may have most visibility to risk triggers

Risk Response Strategies	
Risk Response	Risk Response Definition
Threats	
Avoidance	Eliminate the specific threat usually done by eliminating the cause
Mitigate (Control)	Reduce the expected monetary value of a risk by reducing its impact or probability of occurrence
Transfer (Allocate)	Assign the risk to someone else by subcontracting or buying insurance
Accept	Acceptance can be passive (accept the cost and time if it happens) or active (create a contingency plan).
Opportunities	
Exploit	Attempt to provide definitive causes that will eliminate uncertainty and allow the risk realization for an opportunity
Share	Allocating ownership to a third party who is best able to capture the opportunity for the benefit of the projects
Enhance	make the risk event more likely by increasing the probability of occurrence and/or the risk event impact
Accept	Acceptance can be passive (accept the benefit if it happens) or active (create a contingency plan if it doesn't happen).



APPENDIX N. EMERGENCY RESPONSE MANAGEMENT PLAN (CONFIDENTIAL)

The materials in this appendix have been redacted because they contain internal proprietary procedures.



Appendix O: Project Schedules and Hours by Task

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	PENNSYLVANIA SYSTEM OF SCHOOL ASSESSMENT: 2016-2017			469 days	Mon 1/4/16	Tue 11/7/17
2	1	PROJECT ADMINISTRATION			362 days	Fri 4/1/16	Wed 9/6/17
3	1.1	SCOPE			66 days	Fri 4/1/16	Tue 7/5/16
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Fri 4/1/16	Fri 4/1/16
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Fri 7/1/16	Fri 7/1/16
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Tue 7/5/16	Tue 7/5/16
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Tue 7/5/16	Tue 7/5/16
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Tue 7/5/16	Tue 7/5/16
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Fri 4/1/16	Fri 4/1/16
10	1.2	MEETINGS			333 days	Thu 5/12/16	Wed 9/6/17
11	1.2.1	INTERNAL MEETINGS			297 days	Tue 7/5/16	Wed 9/6/17
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Tue 7/5/16	Wed 7/13/16
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Wed 9/6/17	Wed 9/6/17
14	1.2.2	CLIENT MEETINGS			298 days	Thu 5/12/16	Tue 7/18/17
15	1.2.2.1	PLANNING MEETING [Meeting #1]			24 days	Thu 5/12/16	Wed 6/15/16
16	1.2.2.1.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 5/12/16	Thu 5/12/16
17	1.2.2.1.2	Complete PLANNING MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Fri 5/13/16	Fri 6/3/16
18	1.2.2.1.3	Conduct PLANNING MEETING [Meeting #1]	DRC,PDE	DRC,PDE	3 days	Mon 6/6/16	Wed 6/8/16
19	1.2.2.1.4	Complete PLANNING MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Thu 6/9/16	Wed 6/15/16
20	1.2.2.2	PLANNING MEETING [Meeting #2]			24 days	Tue 1/24/17	Mon 2/27/17
21	1.2.2.2.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 1/24/17	Tue 1/24/17
22	1.2.2.2.2	Complete PLANNING MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 1/25/17	Tue 2/14/17
23	1.2.2.2.3	Conduct PLANNING MEETING [Meeting #2]	DRC,PDE	DRC,PDE	3 days	Wed 2/15/17	Fri 2/17/17
24	1.2.2.2.4	Complete PLANNING MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Tue 2/21/17	Mon 2/27/17
25	1.2.2.3	MANAGEMENT MEETING [Meeting #1]			23 days	Thu 8/18/16	Tue 9/20/16
26	1.2.2.3.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 8/18/16	Thu 8/18/16
27	1.2.2.3.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Fri 8/19/16	Fri 9/9/16
28	1.2.2.3.3	Conduct MANAGEMENT MEETING [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Mon 9/12/16	Tue 9/13/16
29	1.2.2.3.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Wed 9/14/16	Tue 9/20/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
30	1.2.2.4	MANAGEMENT MEETING [Meeting #2]			25 days	Thu 11/17/16	Fri 12/23/16
31	1.2.2.4.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	3 days	Thu 11/17/16	Mon 11/21/16
32	1.2.2.4.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 11/22/16	Wed 12/14/16
33	1.2.2.4.3	Conduct MANAGEMENT MEETING [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Thu 12/15/16	Fri 12/16/16
34	1.2.2.4.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Mon 12/19/16	Fri 12/23/16
35	1.2.2.5	MANAGEMENT MEETING [Meeting #3]			23 days	Wed 3/22/17	Fri 4/21/17
36	1.2.2.5.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Wed 3/22/17	Wed 3/22/17
37	1.2.2.5.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 3/23/17	Wed 4/12/17
38	1.2.2.5.3	Conduct MANAGEMENT MEETING [Meeting #3]	DRC,PDE	DRC,PDE	2 days	Thu 4/13/17	Fri 4/14/17
39	1.2.2.5.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #3]	DRC-EPM	PDE	5 days	Mon 4/17/17	Fri 4/21/17
40	1.2.2.6	MANAGEMENT MEETING [Meeting #4]			23 days	Wed 6/14/17	Tue 7/18/17
41	1.2.2.6.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Wed 6/14/17	Wed 6/14/17
42	1.2.2.6.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 6/15/17	Fri 7/7/17
43	1.2.2.6.3	Conduct MANAGEMENT MEETING [Meeting #4]	DRC,PDE	DRC,PDE	2 days	Mon 7/10/17	Tue 7/11/17
44	1.2.2.6.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #4]	DRC-EPM	PDE	5 days	Wed 7/12/17	Tue 7/18/17
45	1.2.2.7	SITE VISIT [Meeting #1]			18 days	Fri 9/23/16	Tue 10/18/16
46	1.2.2.7.1	Deliver SITE VISIT REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 9/23/16	Fri 9/23/16
47	1.2.2.7.2	Complete SITE VISIT PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Mon 9/26/16	Fri 10/14/16
48	1.2.2.7.3	Conduct SITE VISIT [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Mon 10/17/16	Tue 10/18/16
49	1.2.2.8	SITE VISIT [Meeting #2]			18 days	Fri 4/28/17	Tue 5/23/17
50	1.2.2.8.1	Deliver SITE VISIT REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 4/28/17	Fri 4/28/17
51	1.2.2.8.2	Complete SITE VISIT PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Mon 5/1/17	Fri 5/19/17
52	1.2.2.8.3	Conduct SITE VISIT [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Mon 5/22/17	Tue 5/23/17
53	1.2.2.9	ADMINISTRATION TRAINING			31 days	Thu 1/26/17	Fri 3/10/17
54	1.2.2.9.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 1/26/17	Thu 1/26/17
55	1.2.2.9.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Fri 1/27/17	Fri 3/3/17
56	1.2.2.9.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 3/6/17	Fri 3/10/17
57	1.2.2.10	TEST ADMINISTRATOR CERTIFICATION TRAINING			59 days	Tue 2/21/17	Fri 5/12/17
58	1.2.2.10.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	59 days	Tue 2/21/17	Fri 5/12/17

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59	1.2.2.11	ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING			45 days	Tue 3/21/17	Mon 5/22/17
60	1.2.2.11.1	Deliver ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM,PDE	1 day	Tue 3/21/17	Tue 3/21/17
61	1.2.2.11.2	Complete ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	40 days	Wed 3/22/17	Tue 5/16/17
62	1.2.2.11.3	Conduct ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING	DRC-EPM,PDE	LEA	4 days	Wed 5/17/17	Mon 5/22/17
63	1.2.2.12	REDISTRIBUTION WEBEX TRAINING			8 days	Thu 6/15/17	Mon 6/26/17
64	1.2.2.12.1	Deliver REDISTRIBUTION WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM,PDE	1 day	Thu 6/15/17	Thu 6/15/17
65	1.2.2.12.2	Complete REDISTRIBUTION WEBEX TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	5 days	Fri 6/16/17	Thu 6/22/17
66	1.2.2.12.3	Conduct REDISTRIBUTION WEBEX TRAINING	DRC-EPM,PDE	LEA	2 days	Fri 6/23/17	Mon 6/26/17
67	1.2.3	COMMITTEE MEETINGS			270 days	Fri 5/27/16	Wed 6/21/17
68	1.2.3.1	BIAS REVIEW MEETING [16-17 YR]			9 days	Fri 5/27/16	Thu 6/9/16
69	1.2.3.1.1	Deliver BIAS REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 5/27/16	Fri 5/27/16
70	1.2.3.1.2	Complete BIAS REVIEW MEETING PREPARATION [16-17 YR]	DRC-EPM, DRC-TD	PDE	5 days	Tue 5/31/16	Mon 6/6/16
71	1.2.3.1.3	Conduct BIAS REVIEW MEETING [16-17 YR]	DRC-TD, PDE		3 days	Tue 6/7/16	Thu 6/9/16
72	1.2.3.2	ITEM REVIEW MEETING [16-17 YR]			15 days	Fri 5/27/16	Fri 6/17/16
73	1.2.3.2.1	Deliver ITEM REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 5/27/16	Fri 5/27/16
74	1.2.3.2.2	Complete ITEM REVIEW MEETING PREPARATION [16-17 YR]	DRC-EPM, DRC-TD	PDE	9 days	Tue 5/31/16	Fri 6/10/16
75	1.2.3.2.3	Conduct ITEM REVIEW MEETING [16-17 YR]	DRC-TD, PDE		5 days	Mon 6/13/16	Fri 6/17/16
76	1.2.3.3	DATA REVIEW MEETING [16-17 YR]			18 days	Wed 7/6/16	Fri 7/29/16
77	1.2.3.3.1	Deliver DATA REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Wed 7/6/16	Wed 7/6/16
78	1.2.3.3.2	Complete DATA REVIEW MEETING PREPARATION [16-17 YR]	DRC-TD, DRC-PS, PDE	PDE	13 days	Thu 7/7/16	Mon 7/25/16
79	1.2.3.3.3	Conduct DATA REVIEW MEETING [16-17 YR]	DRC-TD, DRC-PS, PDE		4 days	Tue 7/26/16	Fri 7/29/16
80	1.2.3.4	RANGEFINDING MEETING			21 days	Fri 4/28/17	Fri 5/26/17
81	1.2.3.4.1	Deliver RANGEFINDING MEETING REQUIREMENTS	DRC-TD, DRC-PAS, PDE	DRC-TD, DRC-PAS, PDE	1 day	Fri 4/28/17	Fri 4/28/17
82	1.2.3.4.2	Complete RANGEFINDING MEETING PREPARATION	DRC-TD, DRC-PAS, PDE	PDE	15 days	Mon 5/1/17	Fri 5/19/17
83	1.2.3.4.3	Conduct RANGEFINDING MEETING	DRC-TD, DRC-PAS, PDE		5 days	Mon 5/22/17	Fri 5/26/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
84	1.2.3.5	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #1]			44 days	Wed 10/19/16	Wed 12/21/16
85	1.2.3.5.1	Deliver TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Wed 10/19/16	Wed 10/19/16
86	1.2.3.5.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Thu 10/20/16	Fri 12/2/16
87	1.2.3.5.3	Conduct TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Mon 12/5/16	Wed 12/7/16
88	1.2.3.5.4	Complete TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Thu 12/8/16	Wed 12/21/16
89	1.2.3.6	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #2]			44 days	Mon 1/23/17	Fri 3/24/17
90	1.2.3.6.1	Deliver TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Mon 1/23/17	Mon 1/23/17
91	1.2.3.6.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Tue 1/24/17	Tue 3/7/17
92	1.2.3.6.3	Conduct TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Wed 3/8/17	Fri 3/10/17
93	1.2.3.6.4	Complete TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Mon 3/13/17	Fri 3/24/17
94	1.2.3.7	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #3]			44 days	Fri 4/14/17	Thu 6/15/17
95	1.2.3.7.1	Deliver TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Fri 4/14/17	Fri 4/14/17
96	1.2.3.7.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Mon 4/17/17	Fri 5/26/17
97	1.2.3.7.3	Conduct TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Tue 5/30/17	Thu 6/1/17
98	1.2.3.7.4	Complete TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Fri 6/2/17	Thu 6/15/17
99	1.2.3.8	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]			44 days	Wed 10/26/16	Thu 12/29/16
100	1.2.3.8.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Wed 10/26/16	Wed 10/26/16
101	1.2.3.8.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Thu 10/27/16	Fri 12/9/16
102	1.2.3.8.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Mon 12/12/16	Wed 12/14/16
103	1.2.3.8.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Thu 12/15/16	Thu 12/29/16
104	1.2.3.9	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]			44 days	Thu 1/26/17	Wed 3/29/17
105	1.2.3.9.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/26/17	Thu 1/26/17
106	1.2.3.9.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/27/17	Fri 3/10/17
107	1.2.3.9.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/13/17	Wed 3/15/17
108	1.2.3.9.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/16/17	Wed 3/29/17
109	1.2.3.10	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]			44 days	Thu 4/20/17	Wed 6/21/17
110	1.2.3.10.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Thu 4/20/17	Thu 4/20/17
111	1.2.3.10.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Fri 4/21/17	Fri 6/2/17
112	1.2.3.10.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Mon 6/5/17	Wed 6/7/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
113	1.2.3.10.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Thu 6/8/17	Wed 6/21/17
114	2	TEST FORM PREPARATION			261 days	Mon 1/4/16	Thu 1/12/17
115	2.1	ITEM DEVELOPMENT			100 days	Mon 1/4/16	Mon 5/23/16
116	2.1.1	Develop ITEMS for Embedded Field Test Items [16-17 YR]	DRC-TD,Victory	PDE	100 days	Mon 1/4/16	Mon 5/23/16
117	2.2	PAPER TEST FORM PREPARATION [Math]			34 days	Mon 8/1/16	Fri 9/16/16
118	2.2.1	Develop TEST DESIGNS [Math]	DRC-TD	PDE	17 days	Mon 8/1/16	Tue 8/23/16
119	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Math]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16
120	2.2.3	Approve PAPER TEST FORMS Characteristics [Math]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
121	2.2.4	Deliver PAPER TEST FORM to PDE [Math]	DRC-TD	PDE	2 days	Thu 9/8/16	Fri 9/9/16
122	2.2.5	Approve PAPER TEST FORM [Math Face to Face]	PDE	DRC-TD	5 days	Mon 9/12/16	Fri 9/16/16
123	2.3	PAPER TEST FORM PREPARATION [ELA]			34 days	Mon 8/1/16	Fri 9/16/16
124	2.3.1	Develop TEST DESIGNS [ELA]	DRC-TD	PDE	17 days	Mon 8/1/16	Tue 8/23/16
125	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [ELA]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16
126	2.3.3	Approve PAPER TEST FORMS Characteristics [ELA]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
127	2.3.4	Deliver PAPER TEST FORM to PDE [ELA]	DRC-TD	PDE	2 days	Thu 9/8/16	Fri 9/9/16
128	2.3.5	Approve PAPER TEST FORM [ELA Face to Face]	PDE	DRC-TD	5 days	Mon 9/12/16	Fri 9/16/16
129	2.4	PAPER TEST FORM PREPARATION [Science]			34 days	Mon 8/1/16	Fri 9/16/16
130	2.4.1	Develop TEST DESIGNS [Science]	DRC-TD	PDE	17 days	Mon 8/1/16	Tue 8/23/16
131	2.4.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Science]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16
132	2.4.3	Approve PAPER TEST FORMS Characteristics [Science]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
133	2.4.4	Deliver PAPER TEST FORM to PDE [Science]	DRC-TD	PDE	2 days	Thu 9/8/16	Fri 9/9/16
134	2.4.5	Approve PAPER TEST FORM [Science Face to Face]	PDE	DRC-TD	5 days	Mon 9/12/16	Fri 9/16/16
135	2.5	ONLINE TEST FORM PREPARATION [Math]			90 days	Wed 8/24/16	Tue 1/3/17
136	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Math]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16
137	2.5.2	Approve ONLINE TEST FORMS Characteristics [Math]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
138	2.5.3	Deliver TD ENVIRONMENT for Item Review [Math]	DRC-IS	DRC-TD	25 days	Thu 9/8/16	Wed 10/12/16
139	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Math]	DRC-TD	DRC-IS	29 days	Fri 11/18/16	Tue 1/3/17
140	2.6	ONLINE TEST FORM PREPARATION [ELA]			90 days	Wed 8/24/16	Tue 1/3/17
141	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [ELA]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16

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142	2.6.2	Approve ONLINE TEST FORMS Characteristics [ELA]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
143	2.6.3	Deliver TD ENVIRONMENT for Item Review [ELA]	DRC-IS	DRC-TD	25 days	Thu 9/8/16	Wed 10/12/16
144	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [ELA]	DRC-TD	DRC-IS	29 days	Fri 11/18/16	Tue 1/3/17
145	2.7	ONLINE TEST FORM PREPARATION [Science]			90 days	Wed 8/24/16	Tue 1/3/17
146	2.7.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Science]	DRC-TD	DRC-PS	5 days	Wed 8/24/16	Tue 8/30/16
147	2.7.2	Approve ONLINE TEST FORMS Characteristics [Science]	DRC-PS	DRC-TD	5 days	Wed 8/31/16	Wed 9/7/16
148	2.7.3	Deliver TD ENVIRONMENT for Item Review [Science]	DRC-IS	DRC-TD	25 days	Thu 9/8/16	Wed 10/12/16
149	2.7.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Science]	DRC-TD	DRC-IS	29 days	Fri 11/18/16	Tue 1/3/17
150	2.8	VSL ITEM RECORDING			36 days	Fri 11/18/16	Thu 1/12/17
151	2.8.1	Deliver VSL SCRIPTS_FILES to Vendor	DRC-TD	Victory	5 days	Fri 11/18/16	Mon 11/28/16
152	2.8.2	Complete VSL ITEM RECORDING	Victory		20 days	Tue 11/29/16	Tue 12/27/16
153	2.8.3	Deliver VSL FILES for Approval	Victory	DRC-TD	1 day	Wed 12/28/16	Wed 12/28/16
154	2.8.4	Approve VSL FILES for Production	DRC-TD	DRC-IS	10 days	Thu 12/29/16	Thu 1/12/17
155	3	eDIRECT			181 days	Thu 8/25/16	Fri 5/12/17
156	3.1	eDIRECT PROJECT ADMINISTRATION			1 day	Thu 8/25/16	Thu 8/25/16
157	3.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Thu 8/25/16	Thu 8/25/16
158	3.2	eDIRECT SECURITY_PERMISSIONS			5 days	Fri 8/26/16	Thu 9/1/16
159	3.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Fri 8/26/16	Thu 9/1/16
160	3.3	eDIRECT MATERIALS RECEIPT NOTICE			60 days	Fri 2/17/17	Fri 5/12/17
161	3.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Fri 2/17/17	Fri 2/17/17
162	3.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		59 days	Tue 2/21/17	Fri 5/12/17
163	3.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			60 days	Fri 2/17/17	Fri 5/12/17
164	3.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Fri 2/17/17	Fri 2/17/17
165	3.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		59 days	Tue 2/21/17	Fri 5/12/17
166	3.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			59 days	Fri 2/17/17	Thu 5/11/17
167	3.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Fri 2/17/17	Fri 2/17/17
168	3.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		52 days	Wed 3/1/17	Thu 5/11/17
169	3.6	eDIRECT ENROLLMENT SYSTEM			11 days	Fri 9/16/16	Fri 9/30/16
170	3.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Fri 9/16/16	Thu 9/22/16

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171	3.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Fri 9/23/16	Fri 9/23/16
172	3.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Mon 9/26/16	Fri 9/30/16
173	4	STANDARD PRINT MATERIALS			166 days	Thu 7/14/16	Fri 3/10/17
174	4.1	TEST AND ANSWER BOOKLETS [Math]			112 days	Mon 9/19/16	Tue 2/28/17
175	4.1.1	Create TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-TD	20 days	Mon 9/19/16	Fri 10/14/16
176	4.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-PPS	10 days	Mon 10/17/16	Fri 10/28/16
177	4.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math]	DRC-PPS	DRC-TD	4 days	Mon 10/31/16	Thu 11/3/16
178	4.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Math]	DRC-TD	DRC-PPS	10 days	Fri 11/4/16	Thu 11/17/16
179	4.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-PPS	67 days	Fri 11/18/16	Mon 2/27/17
180	4.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
181	4.2	TEST AND ANSWER BOOKLETS [ELA]			112 days	Mon 9/19/16	Tue 2/28/17
182	4.2.1	Create TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-TD	20 days	Mon 9/19/16	Fri 10/14/16
183	4.2.2	Approve TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-PPS	10 days	Mon 10/17/16	Fri 10/28/16
184	4.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [ELA]	DRC-PPS	DRC-TD	4 days	Mon 10/31/16	Thu 11/3/16
185	4.2.4	Approve TEST AND ANSWER BOOKLETS to Print [ELA]	DRC-TD	DRC-PPS	10 days	Fri 11/4/16	Thu 11/17/16
186	4.2.5	Print and Finish TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-PPS	67 days	Fri 11/18/16	Mon 2/27/17
187	4.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
188	4.3	TEST AND ANSWER BOOKLETS [Science]			112 days	Mon 9/19/16	Tue 2/28/17
189	4.3.1	Create TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-TD	20 days	Mon 9/19/16	Fri 10/14/16
190	4.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-PPS	10 days	Mon 10/17/16	Fri 10/28/16
191	4.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science]	DRC-PPS	DRC-TD	4 days	Mon 10/31/16	Thu 11/3/16
192	4.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Science]	DRC-TD	DRC-PPS	10 days	Fri 11/4/16	Thu 11/17/16
193	4.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-PPS	67 days	Fri 11/18/16	Mon 2/27/17
194	4.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
195	4.4	ACCOMMODATED MATERIALS			112 days	Mon 9/19/16	Tue 2/28/17
196	4.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Math]			68 days	Fri 11/18/16	Tue 2/28/17
197	4.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-EPM	12 days	Fri 11/18/16	Wed 12/7/16
198	4.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Math]	DRC-EPM	DRC-PPS	5 days	Thu 12/8/16	Wed 12/14/16
199	4.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math]	DRC-PPS	DRC-EPM	4 days	Thu 12/15/16	Tue 12/20/16

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200	4.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Math]	DRC-EPM	DRC-PPS	5 days	Wed 12/21/16	Wed 12/28/16
201	4.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-PPS	41 days	Thu 12/29/16	Mon 2/27/17
202	4.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
203	4.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]			68 days	Fri 11/18/16	Tue 2/28/17
204	4.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-EPM	12 days	Fri 11/18/16	Wed 12/7/16
205	4.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-EPM	DRC-PPS	5 days	Thu 12/8/16	Wed 12/14/16
206	4.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [ELA]	DRC-PPS	DRC-EPM	4 days	Thu 12/15/16	Tue 12/20/16
207	4.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [ELA]	DRC-EPM	DRC-PPS	5 days	Wed 12/21/16	Wed 12/28/16
208	4.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-PPS	41 days	Thu 12/29/16	Mon 2/27/17
209	4.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
210	4.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Science]			68 days	Fri 11/18/16	Tue 2/28/17
211	4.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-EPM	12 days	Fri 11/18/16	Wed 12/7/16
212	4.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Science]	DRC-EPM	DRC-PPS	5 days	Thu 12/8/16	Wed 12/14/16
213	4.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science]	DRC-PPS	DRC-EPM	4 days	Thu 12/15/16	Tue 12/20/16
214	4.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Science]	DRC-EPM	DRC-PPS	5 days	Wed 12/21/16	Wed 12/28/16
215	4.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-PPS	41 days	Thu 12/29/16	Mon 2/27/17
216	4.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
217	4.4.4	BRAILLE BOOKLETS [Math]			68 days	Fri 11/18/16	Tue 2/28/17
218	4.4.4.1	Deliver BRAILLE BOOKLETS PDF [Math]	DRC-EPM	APH	1 day	Fri 11/18/16	Fri 11/18/16
219	4.4.4.2	Finish BRAILLE BOOKLETS [Math]	APH	DRC-EPM	61 days	Mon 11/21/16	Fri 2/17/17
220	4.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Math]	DRC-EPM	DRC-MAT	5 days	Tue 2/21/17	Mon 2/27/17
221	4.4.4.4	Deliver Finished BRAILLE BOOKLETS [Math]	DRC-MAT	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
222	4.4.5	BRAILLE BOOKLETS [ELA]			68 days	Fri 11/18/16	Tue 2/28/17
223	4.4.5.1	Deliver BRAILLE BOOKLETS PDF [ELA]	DRC-EPM	APH	1 day	Fri 11/18/16	Fri 11/18/16
224	4.4.5.2	Finish BRAILLE BOOKLETS [ELA]	APH	DRC-EPM	61 days	Mon 11/21/16	Fri 2/17/17
225	4.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [ELA]	DRC-EPM	DRC-MAT	5 days	Tue 2/21/17	Mon 2/27/17
226	4.4.5.4	Deliver Finished BRAILLE BOOKLETS [ELA]	DRC-MAT	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
227	4.4.6	BRAILLE BOOKLETS [Science]			68 days	Fri 11/18/16	Tue 2/28/17
228	4.4.6.1	Deliver BRAILLE BOOKLETS PDF [Science]	DRC-EPM	APH	1 day	Fri 11/18/16	Fri 11/18/16

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229	4.4.6.2	Finish BRAILLE BOOKLETS [Science]	APH	DRC-EPM	61 days	Mon 11/21/16	Fri 2/17/17
230	4.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Science]	DRC-EPM	DRC-MAT	5 days	Tue 2/21/17	Mon 2/27/17
231	4.4.6.4	Deliver Finished BRAILLE BOOKLETS [Science]	DRC-MAT	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
232	4.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]			112 days	Mon 9/19/16	Tue 2/28/17
233	4.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 9/19/16	Fri 11/18/16
234	4.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Math Spanish]	DRC-TD	DRC-TD	10 days	Thu 12/1/16	Wed 12/14/16
235	4.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Math Spanish]	DRC-TD	DRC-PPS	5 days	Thu 12/15/16	Wed 12/21/16
236	4.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math Spanish]	DRC-PPS	DRC-TD	4 days	Thu 12/22/16	Wed 12/28/16
237	4.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Math Spanish]	DRC-TD	DRC-PPS	5 days	Thu 12/29/16	Thu 1/5/17
238	4.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]	DRC-PPS	DRC-PPS	36 days	Fri 1/6/17	Mon 2/27/17
239	4.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
240	4.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]			112 days	Mon 9/19/16	Tue 2/28/17
241	4.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 9/19/16	Fri 11/18/16
242	4.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Science Spanish]	DRC-TD	DRC-TD	10 days	Thu 12/1/16	Wed 12/14/16
243	4.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Science Spanish]	DRC-TD	DRC-PPS	5 days	Thu 12/15/16	Wed 12/21/16
244	4.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science Spanish]	DRC-PPS	DRC-TD	4 days	Thu 12/22/16	Wed 12/28/16
245	4.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Science Spanish]	DRC-TD	DRC-PPS	5 days	Thu 12/29/16	Thu 1/5/17
246	4.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]	DRC-PPS	DRC-PPS	36 days	Fri 1/6/17	Mon 2/27/17
247	4.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
248	4.5	MANUALS			106 days	Mon 9/19/16	Fri 2/17/17
249	4.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			48 days	Tue 12/6/16	Mon 2/13/17
250	4.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	DRC-EPM, PDE	10 days	Tue 12/6/16	Mon 12/19/16
251	4.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Tue 12/20/16	Tue 12/27/16
252	4.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Wed 12/28/16	Wed 1/4/17
253	4.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	27 days	Thu 1/5/17	Fri 2/10/17
254	4.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Mon 2/13/17	Mon 2/13/17
255	4.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Math]			52 days	Fri 11/18/16	Fri 2/3/17
256	4.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Math]	DRC TD	DRC-TD, PDE	10 days	Fri 11/18/16	Mon 12/5/16
257	4.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	4 days	Tue 12/6/16	Fri 12/9/16

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258	4.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Math]	DRC TD	DRC-PPS	5 days	Mon 12/12/16	Fri 12/16/16
259	4.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Math]	DRC-PPS	DRC-PPS	32 days	Mon 12/19/16	Thu 2/2/17
260	4.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
261	4.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]			52 days	Fri 11/18/16	Fri 2/3/17
262	4.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [ELA]	DRC TD	DRC-TD, PDE	10 days	Fri 11/18/16	Mon 12/5/16
263	4.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [ELA]	DRC-PPS	DRC TD	4 days	Tue 12/6/16	Fri 12/9/16
264	4.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [ELA]	DRC TD	DRC-PPS	5 days	Mon 12/12/16	Fri 12/16/16
265	4.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]	DRC-PPS	DRC-PPS	32 days	Mon 12/19/16	Thu 2/2/17
266	4.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
267	4.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]			52 days	Fri 11/18/16	Fri 2/3/17
268	4.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Science]	DRC TD	DRC-TD, PDE	10 days	Fri 11/18/16	Mon 12/5/16
269	4.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Science]	DRC-PPS	DRC TD	4 days	Tue 12/6/16	Fri 12/9/16
270	4.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Science]	DRC TD	DRC-PPS	5 days	Mon 12/12/16	Fri 12/16/16
271	4.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]	DRC-PPS	DRC-PPS	32 days	Mon 12/19/16	Thu 2/2/17
272	4.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
273	4.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]			101 days	Mon 9/19/16	Fri 2/10/17
274	4.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC	40 days	Mon 9/19/16	Fri 11/11/16
275	4.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Math]	DRC TD	DRC-TD, PDE	8 days	Fri 1/6/17	Tue 1/17/17
276	4.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	3 days	Wed 1/18/17	Fri 1/20/17
277	4.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Math]	DRC TD	DRC-PPS	4 days	Mon 1/23/17	Thu 1/26/17
278	4.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]	DRC-PPS	DRC-PPS	10 days	Fri 1/27/17	Thu 2/9/17
279	4.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/10/17	Fri 2/10/17
280	4.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]			101 days	Mon 9/19/16	Fri 2/10/17
281	4.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC TD	40 days	Mon 9/19/16	Fri 11/11/16
282	4.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Science]	DRC TD	DRC-TD, PDE	8 days	Fri 1/6/17	Tue 1/17/17
283	4.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Science]	DRC-PPS	DRC TD	3 days	Wed 1/18/17	Fri 1/20/17
284	4.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Science]	DRC TD	DRC-PPS	4 days	Mon 1/23/17	Thu 1/26/17
285	4.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]	DRC-PPS	DRC-PPS	10 days	Fri 1/27/17	Thu 2/9/17
286	4.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]	DRC-PPS	DRC-MAT	1 day	Fri 2/10/17	Fri 2/10/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
287	4.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]			42 days	Tue 12/6/16	Fri 2/3/17
288	4.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Math]	DRC TD	DRC-TD, PDE	10 days	Tue 12/6/16	Mon 12/19/16
289	4.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	4 days	Tue 12/20/16	Fri 12/23/16
290	4.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Math]	DRC TD	DRC-PPS	5 days	Tue 12/27/16	Tue 1/3/17
291	4.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]	DRC-PPS	DRC-PPS	22 days	Wed 1/4/17	Thu 2/2/17
292	4.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
293	4.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA]			42 days	Tue 12/6/16	Fri 2/3/17
294	4.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [ELA ONLINE DFA]	DRC TD	DRC-TD, PDE	10 days	Tue 12/6/16	Mon 12/19/16
295	4.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [ELA ONLINE DFA]	DRC-PPS	DRC TD	4 days	Tue 12/20/16	Fri 12/23/16
296	4.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [ELA ONLINE DFA]	DRC TD	DRC-PPS	5 days	Tue 12/27/16	Tue 1/3/17
297	4.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Wed 1/4/17	Thu 2/2/17
298	4.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
299	4.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science]			42 days	Tue 12/6/16	Fri 2/3/17
300	4.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Science ONLINE DFA]	DRC TD	DRC-TD, PDE	10 days	Tue 12/6/16	Mon 12/19/16
301	4.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Science ONLINE DFA]	DRC-PPS	DRC TD	4 days	Tue 12/20/16	Fri 12/23/16
302	4.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Science ONLINE DFA]	DRC TD	DRC-PPS	5 days	Tue 12/27/16	Tue 1/3/17
303	4.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Wed 1/4/17	Thu 2/2/17
304	4.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 2/3/17	Fri 2/3/17
305	4.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 1/23/17	Fri 2/17/17
306	4.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 1/23/17	Fri 2/17/17
307	4.6	MANIPULATIVES			106 days	Mon 9/26/16	Mon 2/27/17
308	4.6.1	RULERS [Grades 3]			106 days	Mon 9/26/16	Mon 2/27/17
309	4.6.1.1	Deliver RULERS PDF [Grades 3]	DRC-TD	DRC-PPS	15 days	Mon 9/26/16	Fri 10/14/16
310	4.6.1.2	Deliver RULERS PRINTERS PROOF [Grades 3]	DRC-PPS	DRC-TD	10 days	Mon 10/17/16	Fri 10/28/16
311	4.6.1.3	Approve RULERS to Print [Grades 3]	DRC-TD	DRC-PPS	10 days	Mon 10/31/16	Fri 11/11/16
312	4.6.1.4	Print and Finish RULERS [Grades 3]	DRC-PPS	DRC-PPS	70 days	Mon 11/14/16	Fri 2/24/17
313	4.6.1.5	Deliver Finished RULERS [Grades 3]	DRC-PPS	DRC-MAT	1 day	Mon 2/27/17	Mon 2/27/17
314	4.6.2	PROTRACTORS [Grade 4]			106 days	Mon 9/26/16	Mon 2/27/17
315	4.6.2.1	Deliver PROTRACTORS PDF [Grade 4]	DRC-TD	DRC-PPS	15 days	Mon 9/26/16	Fri 10/14/16

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316	4.6.2.2	Deliver PROTRACTORS PRINTERS PROOF [Grade 4]	DRC-PPS	DRC-TD	10 days	Mon 10/17/16	Fri 10/28/16
317	4.6.2.3	Approve PROTRACTORS to Print [Grade 4]	DRC-TD	DRC-PPS	10 days	Mon 10/31/16	Fri 11/11/16
318	4.6.2.4	Print and Finish PROTRACTORS [Grade 4]	DRC-PPS	DRC-PPS	70 days	Mon 11/14/16	Fri 2/24/17
319	4.6.2.5	Deliver Finished PROTRACTORS [Grade 4]	DRC-PPS	DRC-MAT	1 day	Mon 2/27/17	Mon 2/27/17
320	4.7	ANCILLARY MATERIALS			160 days	Thu 7/14/16	Thu 3/2/17
321	4.7.1	ASSESSMENT UPDATE			105 days	Fri 9/30/16	Thu 3/2/17
322	4.7.1.1	Deliver FALL ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Fri 9/30/16	Thu 11/3/16
323	4.7.1.2	Deliver WINTER/SPRING ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Thu 1/26/17	Thu 3/2/17
324	4.7.2	FORMULA SHEETS [Math]			81 days	Mon 10/17/16	Fri 2/10/17
325	4.7.2.1	Deliver FORMULA SHEETS PDF [Math]	DRC-TD	DRC-PPS	20 days	Mon 10/17/16	Fri 11/11/16
326	4.7.2.2	Deliver FORMULA SHEETS PRINTERS PROOF [Math]	DRC-PPS	DRC-TD	4 days	Mon 11/14/16	Thu 11/17/16
327	4.7.2.3	Approve FORMULA SHEETS to Print [Math]	DRC-TD	DRC-PPS	5 days	Fri 11/18/16	Mon 11/28/16
328	4.7.2.4	Print and Finish FORMULA SHEETS [Math]	DRC-PPS	DRC-PPS	51 days	Tue 11/29/16	Thu 2/9/17
329	4.7.2.5	Deliver Finished FORMULA SHEETS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/10/17	Fri 2/10/17
330	4.7.3	WRITERS CHECKLISTS [ELA]			81 days	Mon 10/17/16	Fri 2/10/17
331	4.7.3.1	Deliver WRITERS CHECKLISTS PDF [ELA]	DRC-TD	DRC-PPS	20 days	Mon 10/17/16	Fri 11/11/16
332	4.7.3.2	Deliver WRITERS CHECKLISTS PRINTERS PROOF [ELA]	DRC-PPS	DRC-TD	4 days	Mon 11/14/16	Thu 11/17/16
333	4.7.3.3	Approve WRITERS CHECKLISTS to Print [ELA]	DRC-TD	DRC-PPS	5 days	Fri 11/18/16	Mon 11/28/16
334	4.7.3.4	Print and Finish WRITERS CHECKLISTS [ELA]	DRC-PPS	DRC-PPS	51 days	Tue 11/29/16	Thu 2/9/17
335	4.7.3.5	Deliver Finished WRITERS CHECKLISTS [ELA]	DRC-PPS	DRC-MAT	1 day	Fri 2/10/17	Fri 2/10/17
336	4.7.4	FORMULA SHEETS [Math Spanish]			40 days	Thu 12/15/16	Fri 2/10/17
337	4.7.4.1	Deliver FORMULA SHEETS PDF [Math Spanish]	DRC-TD	DRC-PPS	10 days	Thu 12/15/16	Thu 12/29/16
338	4.7.4.2	Deliver FORMULA SHEETS PRINTERS PROOF [Math Spanish]	DRC-PPS	DRC-TD	4 days	Fri 12/30/16	Thu 1/5/17
339	4.7.4.3	Approve FORMULA SHEETS to Print [Math Spanish]	DRC-TD	DRC-PPS	5 days	Fri 1/6/17	Thu 1/12/17
340	4.7.4.4	Print and Finish FORMULA SHEETS [Math Spanish]	DRC-PPS	DRC-PPS	20 days	Fri 1/13/17	Thu 2/9/17
341	4.7.4.5	Deliver Finished FORMULA SHEETS [Math Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 2/10/17	Fri 2/10/17
342	4.7.5	ITEM AND SCORING SAMPLER [Math]			33 days	Thu 7/14/16	Mon 8/29/16
343	4.7.5.1	Develop ITEM AND SCORING SAMPLER PDF [Math Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
344	4.7.5.2	Develop ITEM AND SCORING SAMPLER PDF [Math]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16

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345	4.7.5.3	Deliver ITEM AND SCORING SAMPLER PDF [Math]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
346	4.7.5.4	Approve ITEM AND SCORING SAMPLER [Math]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
347	4.7.5.5	Deliver Finished ITEM AND SCORING SAMPLER [Math]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
348	4.7.6	ITEM AND SCORING SAMPLER [ELA]			33 days	Thu 7/14/16	Mon 8/29/16
349	4.7.6.1	Develop ITEM AND SCORING SAMPLER PDF [ELA Braille Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
350	4.7.6.2	Develop ITEM AND SCORING SAMPLER PDF [ELA]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16
351	4.7.6.3	Deliver ITEM AND SCORING SAMPLER PDF [ELA]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
352	4.7.6.4	Approve ITEM AND SCORING SAMPLER [ELA]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
353	4.7.6.5	Deliver Finished ITEM AND SCORING SAMPLER [ELA]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
354	4.7.7	ITEM AND SCORING SAMPLER [Science]			33 days	Thu 7/14/16	Mon 8/29/16
355	4.7.7.1	Develop ITEM AND SCORING SAMPLER PDF [Science Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
356	4.7.7.2	Develop ITEM AND SCORING SAMPLER PDF [Science]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16
357	4.7.7.3	Deliver ITEM AND SCORING SAMPLER PDF [Science]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
358	4.7.7.4	Approve ITEM AND SCORING SAMPLER [Science]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
359	4.7.7.5	Deliver Finished ITEM AND SCORING SAMPLER [Science]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
360	4.8	ADMINISTRATIVE MATERIALS			45 days	Fri 1/6/17	Fri 3/10/17
361	4.8.1	LABELS [Precode, Dist Sch and DNS Labels]			37 days	Fri 1/6/17	Tue 2/28/17
362	4.8.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	6 days	Fri 1/6/17	Fri 1/13/17
363	4.8.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Mon 1/16/17	Mon 2/27/17
364	4.8.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
365	4.8.2	LABELS [DRC Return Shipping Labels]			37 days	Fri 1/6/17	Tue 2/28/17
366	4.8.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Fri 1/6/17	Fri 1/13/17
367	4.8.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Mon 1/16/17	Mon 2/27/17
368	4.8.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Tue 2/28/17	Tue 2/28/17
369	4.8.3	UPS RS LABELS			38 days	Tue 1/17/17	Fri 3/10/17
370	4.8.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Tue 1/17/17	Mon 1/30/17
371	4.8.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Tue 1/31/17	Thu 2/16/17
372	4.8.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Fri 3/10/17	Fri 3/10/17
373	5	TEST MATERIALS PACK AND SHIP			27 days	Wed 2/8/17	Fri 3/17/17

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374	5.1	PACK AND SHIP SHIPMENT I			17 days	Wed 2/8/17	Fri 3/3/17
375	5.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Wed 2/8/17	Fri 2/10/17
376	5.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Mon 2/13/17	Mon 2/13/17
377	5.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Tue 2/14/17	Tue 2/14/17
378	5.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	10 days	Tue 2/14/17	Tue 2/28/17
379	5.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	10 days	Tue 2/14/17	Tue 2/28/17
380	5.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Wed 3/1/17	Fri 3/3/17
381	5.2	PACK AND SHIP SHIPMENT II			27 days	Wed 2/8/17	Fri 3/17/17
382	5.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	15 days	Wed 2/8/17	Wed 3/1/17
383	5.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Thu 3/2/17	Thu 3/2/17
384	5.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Fri 3/3/17	Fri 3/3/17
385	5.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Fri 3/3/17	Tue 3/14/17
386	5.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Fri 3/3/17	Tue 3/14/17
387	5.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Wed 3/15/17	Fri 3/17/17
388	6	ONLINE TESTING PREPARATION			163 days	Wed 9/21/16	Fri 5/12/17
389	6.1	eDIRECT TEST SETUP			61 days	Thu 2/16/17	Fri 5/12/17
390	6.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Thu 2/16/17	Thu 2/16/17
391	6.1.2	Access eDIRECT TEST SETUP in Production	LEA		60 days	Fri 2/17/17	Fri 5/12/17
392	6.2	TEST ENGINE			121 days	Fri 11/18/16	Fri 5/12/17
393	6.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Fri 11/18/16	Fri 11/18/16
394	6.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Fri 2/17/17	Fri 2/17/17
395	6.2.3	Access TEST ENGINE in Production	LEA		60 days	Fri 2/17/17	Fri 5/12/17
396	6.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			52 days	Wed 1/4/17	Fri 3/17/17
397	6.3.1	ONLINE TEST FORMS PULL [Math]			52 days	Wed 1/4/17	Fri 3/17/17
398	6.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Math]			18 days	Wed 1/4/17	Fri 1/27/17
399	6.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Math]	DRC-IS	DRC-IS	1 day	Wed 1/4/17	Wed 1/4/17
400	6.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Math]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/5/17	Wed 1/11/17
401	6.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Math]	DRC-SQA, DRC-IS		7 days	Thu 1/12/17	Fri 1/20/17

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402	6.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Math]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/23/17	Fri 1/27/17
403	6.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Math]			17 days	Mon 1/30/17	Wed 2/22/17
404	6.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Math]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 1/30/17	Fri 2/3/17
405	6.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Math]	DRC-SQA, DRC-IS		7 days	Mon 2/6/17	Tue 2/14/17
406	6.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Math]	DRC-SQA, DRC-IS	DRC-IS	5 days	Wed 2/15/17	Wed 2/22/17
407	6.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Math]			17 days	Thu 2/23/17	Fri 3/17/17
408	6.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Math]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 2/23/17	Wed 3/1/17
409	6.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Math]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/2/17	Fri 3/10/17
410	6.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Math]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/13/17	Fri 3/17/17
411	6.3.2	ONLINE TEST FORMS PULL [ELA]			52 days	Wed 1/4/17	Fri 3/17/17
412	6.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [ELA]			18 days	Wed 1/4/17	Fri 1/27/17
413	6.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [ELA]	DRC-IS	DRC-IS	1 day	Wed 1/4/17	Wed 1/4/17
414	6.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [ELA]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/5/17	Wed 1/11/17
415	6.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [ELA]	DRC-SQA, DRC-IS		7 days	Thu 1/12/17	Fri 1/20/17
416	6.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [ELA]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/23/17	Fri 1/27/17
417	6.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [ELA]			17 days	Mon 1/30/17	Wed 2/22/17
418	6.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [ELA]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 1/30/17	Fri 2/3/17
419	6.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [ELA]	DRC-SQA, DRC-IS		7 days	Mon 2/6/17	Tue 2/14/17
420	6.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [ELA]	DRC-SQA, DRC-IS	DRC-IS	5 days	Wed 2/15/17	Wed 2/22/17
421	6.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [ELA]			17 days	Thu 2/23/17	Fri 3/17/17
422	6.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [ELA]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 2/23/17	Wed 3/1/17

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423	6.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [ELA]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/2/17	Fri 3/10/17
424	6.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [ELA]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/13/17	Fri 3/17/17
425	6.3.3	ONLINE TEST FORMS PULL [Science]			52 days	Wed 1/4/17	Fri 3/17/17
426	6.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Science]			18 days	Wed 1/4/17	Fri 1/27/17
427	6.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Science]	DRC-IS	DRC-IS	1 day	Wed 1/4/17	Wed 1/4/17
428	6.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Science]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/5/17	Wed 1/11/17
429	6.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Science]	DRC-SQA, DRC-IS		7 days	Thu 1/12/17	Fri 1/20/17
430	6.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Science]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/23/17	Fri 1/27/17
431	6.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Science]			17 days	Mon 1/30/17	Wed 2/22/17
432	6.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Science]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 1/30/17	Fri 2/3/17
433	6.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Science]	DRC-SQA, DRC-IS		7 days	Mon 2/6/17	Tue 2/14/17
434	6.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Science]	DRC-SQA, DRC-IS	DRC-IS	5 days	Wed 2/15/17	Wed 2/22/17
435	6.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Science]			17 days	Thu 2/23/17	Fri 3/17/17
436	6.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Science]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 2/23/17	Wed 3/1/17
437	6.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Science]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/2/17	Fri 3/10/17
438	6.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Science]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/13/17	Fri 3/17/17
439	6.4	ONLINE TESTING SUPPORT MATERIAL			163 days	Wed 9/21/16	Fri 5/12/17
440	6.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			155 days	Mon 10/3/16	Fri 5/12/17
441	6.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Mon 10/3/16	Thu 2/9/17
442	6.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Fri 2/10/17	Thu 2/16/17
443	6.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		60 days	Fri 2/17/17	Fri 5/12/17
444	6.4.2	ONLINE TUTORIALS			163 days	Wed 9/21/16	Fri 5/12/17

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445	6.4.2.1	Develop ONLINE TUTORIALS	DRC-TD, Victory	DRC-TD, DRC-EPM	90 days	Wed 9/21/16	Mon 1/30/17
446	6.4.2.2	Approve ONLINE TUTORIALS	DRC-TD, DRC-EPM	DRC-IS	10 days	Tue 1/31/17	Mon 2/13/17
447	6.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Tue 2/14/17	Thu 2/16/17
448	6.4.2.4	Access ONLINE TUTORIALS in Production	LEA		60 days	Fri 2/17/17	Fri 5/12/17
449	7	TEST ADMINISTRATION			30 days	Mon 4/3/17	Fri 5/12/17
450	7.1	PAPER TEST IN PROGRESS	LEA		30 days	Mon 4/3/17	Fri 5/12/17
451	7.2	ONLINE TEST IN PROGRESS	LEA		30 days	Mon 4/3/17	Fri 5/12/17
452	8	MATERIALS RETURN AND DOCUMENT PROCESSING			164 days	Mon 1/30/17	Thu 9/21/17
453	8.1	IMAGING			21 days	Mon 1/30/17	Tue 2/28/17
454	8.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Mon 1/30/17	Mon 1/30/17
455	8.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Tue 1/31/17	Tue 2/28/17
456	8.2	SECURE MATERIAL			77 days	Fri 4/7/17	Thu 7/27/17
457	8.2.1	SECURE MATERIAL [Math]			43 days	Fri 4/14/17	Wed 6/14/17
458	8.2.1.1	Pick up SECURE MATERIAL [Math]	LEA	UPS	21 days	Fri 4/14/17	Fri 5/12/17
459	8.2.1.2	Receive SECURE MATERIAL [Math]	UPS	DRC-MAT	21 days	Wed 4/19/17	Wed 5/17/17
460	8.2.1.3	Check in SECURE MATERIAL [Math]	DRC-MAT	DRC-DP	21 days	Thu 4/20/17	Thu 5/18/17
461	8.2.1.4	Process SECURE MATERIAL [Math]	DRC-DP	DRC-PAS	21 days	Fri 4/21/17	Fri 5/19/17
462	8.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Math)]	DRC-PAS	DRC-IS	22 days	Tue 4/25/17	Wed 5/24/17
463	8.2.1.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (Math)]	DRC-PAS	DRC-IS	10 days	Mon 5/1/17	Fri 5/12/17
464	8.2.1.7	Handscore CONSTRUCTED RESPONSE [Field Test (Math)]	DRC-PAS	DRC-IS	12 days	Tue 5/30/17	Wed 6/14/17
465	8.2.2	SECURE MATERIAL [ELA]			48 days	Fri 4/7/17	Wed 6/14/17
466	8.2.2.1	Pick up SECURE MATERIAL [ELA]	LEA	UPS	26 days	Fri 4/7/17	Fri 5/12/17
467	8.2.2.2	Receive SECURE MATERIAL [ELA]	UPS	DRC-MAT	26 days	Wed 4/12/17	Wed 5/17/17
468	8.2.2.3	Check in SECURE MATERIAL [ELA]	DRC-MAT	DRC-DP	26 days	Thu 4/13/17	Thu 5/18/17
469	8.2.2.4	Process SECURE MATERIAL [ELA]	DRC-DP	DRC-PAS	26 days	Fri 4/14/17	Fri 5/19/17
470	8.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (ELA)]	DRC-PAS	DRC-IS	27 days	Tue 4/18/17	Wed 5/24/17
471	8.2.2.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (ELA)]	DRC-PAS	DRC-IS	10 days	Mon 4/24/17	Fri 5/5/17
472	8.2.2.7	Handscore CONSTRUCTED RESPONSE [Field Test (ELA)]	DRC-PAS	DRC-IS	12 days	Tue 5/30/17	Wed 6/14/17

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473	8.2.3	SCORABLE MATERIAL [Science]			38 days	Fri 4/21/17	Wed 6/14/17
474	8.2.3.1	Pick up SECURE MATERIAL [Science]	LEA	UPS	16 days	Fri 4/21/17	Fri 5/12/17
475	8.2.3.2	Receive SECURE MATERIAL [Science]	UPS	DRC-MAT	16 days	Wed 4/26/17	Wed 5/17/17
476	8.2.3.3	Check in SECURE MATERIAL [Science]	DRC-MAT	DRC-DP	16 days	Thu 4/27/17	Thu 5/18/17
477	8.2.3.4	Process SECURE MATERIAL [Science]	DRC-DP	DRC-PAS	16 days	Fri 4/28/17	Fri 5/19/17
478	8.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Science)]	DRC-PAS	DRC-IS	17 days	Tue 5/2/17	Wed 5/24/17
479	8.2.3.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (Science)]	DRC-PAS	DRC-IS	10 days	Wed 5/3/17	Tue 5/16/17
480	8.2.3.7	Handscore CONSTRUCTED RESPONSE [Field Test (Science)]	DRC-PAS	DRC-IS	12 days	Tue 5/30/17	Wed 6/14/17
481	8.2.4	STRAGGLERS			48 days	Thu 5/18/17	Thu 7/27/17
482	8.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Thu 5/18/17	Thu 5/18/17
483	8.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Mon 5/22/17	Wed 7/19/17
484	8.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Thu 7/20/17	Mon 7/24/17
485	8.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Tue 7/25/17	Thu 7/27/17
486	8.3	MISSING MATERIAL REPORT			90 days	Mon 5/15/17	Thu 9/21/17
487	8.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Mon 5/15/17	Wed 7/19/17
488	8.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Mon 5/15/17	Thu 9/21/17
489	9	POST TESTING DATA PROCESSING			193 days	Fri 11/18/16	Fri 8/25/17
490	9.1	DATA PROCESSING FILES			193 days	Fri 11/18/16	Fri 8/25/17
491	9.1.1	DATA FILE KEY CHECK [Math]			6 days	Fri 4/21/17	Fri 4/28/17
492	9.1.1.1	Deliver DATA FILE for KEY CHECK [Math]	DRC-IS	DRC-PS	6 days	Fri 4/21/17	Fri 4/28/17
493	9.1.2	DATA FILE KEY CHECK [ELA]			6 days	Fri 4/14/17	Fri 4/21/17
494	9.1.2.1	Deliver DATA FILE for KEY CHECK [ELA]	DRC-IS	DRC-PS	6 days	Fri 4/14/17	Fri 4/21/17
495	9.1.3	DATA FILE KEY CHECK [Science]			6 days	Fri 4/28/17	Fri 5/5/17
496	9.1.3.1	Deliver DATA FILE for KEY CHECK [Science]	DRC-IS	DRC-PS	6 days	Fri 4/28/17	Fri 5/5/17
497	9.1.4	DATA FILE EQUATING			3 days	Thu 5/25/17	Tue 5/30/17
498	9.1.4.1	Deliver DATA FILE for EQUATING	DRC-IS	DRC-PS	3 days	Thu 5/25/17	Tue 5/30/17
499	9.1.5	DATA FILE RATER DRIFT [Math]			59 days	Wed 3/1/17	Mon 5/22/17
500	9.1.5.1	Deliver DATA FILE for RATER DRIFT [Math Scoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Wed 3/1/17	Tue 3/14/17
501	9.1.5.2	Deliver DATA FILE for RATER DRIFT [Math]	DRC-IS	DRC-PS	6 days	Mon 5/15/17	Mon 5/22/17

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502	9.1.6	DATA FILE RATER DRIFT [ELA]			55 days	Wed 3/1/17	Tue 5/16/17
503	9.1.6.1	Deliver DATA FILE for RATER DRIFT [ELAScoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Wed 3/1/17	Tue 3/14/17
504	9.1.6.2	Deliver DATA FILE for RATER DRIFT [ELA]	DRC-IS	DRC-PS	2 days	Mon 5/15/17	Tue 5/16/17
505	9.1.7	DATA FILE RATER DRIFT [Science]			59 days	Wed 3/1/17	Mon 5/22/17
506	9.1.7.1	Deliver DATA FILE for RATER DRIFT [Science Scoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Wed 3/1/17	Tue 3/14/17
507	9.1.7.2	Deliver DATA FILE for RATER DRIFT [Science]	DRC-IS	DRC-PS	4 days	Wed 5/17/17	Mon 5/22/17
508	9.1.8	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anlysis]			5 days	Thu 7/20/17	Wed 7/26/17
509	9.1.8.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Thu 7/20/17	Wed 7/26/17
510	9.1.9	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Thu 7/20/17	Wed 7/26/17
511	9.1.9.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Thu 7/20/17	Wed 7/26/17
512	9.1.10	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Thu 7/20/17	Wed 7/26/17
513	9.1.10.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Thu 7/20/17	Wed 7/26/17
514	9.1.11	PDE STUDENT FILE FOR PARENT LETTERS			104 days	Thu 1/12/17	Thu 6/8/17
515	9.1.11.1	Deliver File Layout for PDE STUDENT FILE FOR PARENT LETTERS	DRC-IS	PDE	1 day	Thu 1/12/17	Thu 1/12/17
516	9.1.11.2	Deliver PDE STUDENT FILE FOR PARENT LETTERS	DRC-IS	PDE	1 day	Tue 6/6/17	Tue 6/6/17
517	9.1.11.3	Approve PDE STUDENT FILE FOR PARENT LETTERS	PDE	DRC-IS	2 days	Wed 6/7/17	Thu 6/8/17
518	9.1.12	PDE FINAL STUDENT FILE			8 days	Mon 7/10/17	Wed 7/19/17
519	9.1.12.1	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	8 days	Mon 7/10/17	Wed 7/19/17
520	9.1.13	PDE FINAL STUDENT FILE to SAS			1 day	Thu 7/20/17	Thu 7/20/17
521	9.1.13.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Thu 7/20/17	Thu 7/20/17
522	9.1.14	SPP SUMMARY FILE			113 days	Fri 2/10/17	Mon 7/24/17
523	9.1.14.1	Deliver File Layout for SPP SUMMARY FILE	DRC-IS	PDE	1 day	Fri 2/10/17	Fri 2/10/17
524	9.1.14.2	Deliver SPP SUMMARY FILE	DRC-IS	PDE	3 days	Thu 7/20/17	Mon 7/24/17
525	9.1.15	SPP PARTICIPATION FILE			113 days	Fri 2/10/17	Mon 7/24/17
526	9.1.15.1	Deliver File Layout of SPP PARTICIPATION FILE	DRC-IS	PDE	1 day	Fri 2/10/17	Fri 2/10/17
527	9.1.15.2	Deliver SPP PARTICIPATION FILE	DRC-IS	PDE	3 days	Thu 7/20/17	Mon 7/24/17
528	9.1.16	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Thu 7/20/17	Wed 8/9/17
529	9.1.16.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Thu 7/20/17	Wed 8/2/17
530	9.1.16.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Thu 8/3/17	Wed 8/9/17

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531	9.1.17	DISAGGREGATED FILES			15 days	Thu 7/20/17	Wed 8/9/17
532	9.1.17.1	Deliver DISAGGREGATED FILES	DRC-IS	PDE	10 days	Thu 7/20/17	Wed 8/2/17
533	9.1.17.2	Approve DISAGGREGATED FILES	PDE	DRC-IS	5 days	Thu 8/3/17	Wed 8/9/17
534	9.1.18	PIMS PRECODE AND REPORTING FILES			136 days	Fri 12/2/16	Thu 6/15/17
535	9.1.18.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Fri 12/2/16	Mon 12/19/16
536	9.1.18.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	1 day	Fri 5/19/17	Fri 5/19/17
537	9.1.18.3	Deliver GRADE 11 DENOMINATOR FILE	PDE	DRC-IS	1 day	Thu 6/15/17	Thu 6/15/17
538	9.1.19	GRADUATION ATTRIBUTION			27 days	Fri 11/18/16	Thu 12/29/16
539	9.1.19.1	Deliver PIMS PRELIMINARY COHORT FILE	PDE	DRC-IS	1 day	Fri 11/18/16	Fri 11/18/16
540	9.1.19.2	Deliver PIMS FINAL COHORT FILE	PDE	DRC-IS	10 days	Mon 11/21/16	Tue 12/6/16
541	9.1.19.3	Deliver ATTRIBUTION EXTRACT FILE FOR PIMS	DRC-IS	PDE	5 days	Thu 12/22/16	Thu 12/29/16
542	9.1.20	PASA DATA FILES FOR PROCESSING			19 days	Fri 6/16/17	Mon 7/17/17
543	9.1.20.1	Deliver SCORED MATH AND READING PASA DATA FILE	U of Pitt	DRC-IS	0 days	Fri 6/16/17	Fri 6/16/17
544	9.1.20.2	Deliver SCORED SCIENCE PASA DATA FILE	U of Pitt	DRC-IS	0 days	Mon 7/17/17	Mon 7/17/17
545	9.1.21	PDE INPUT DATA FILES FOR RFRM			26 days	Fri 7/21/17	Fri 8/25/17
546	9.1.21.1	Deliver GRADUATION RATE RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 8/25/17	Fri 8/25/17
547	9.1.21.2	Deliver ATTENDANCE RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/21/17	Fri 7/21/17
548	9.1.21.3	Deliver HQT RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/21/17	Fri 7/21/17
549	9.1.21.4	Deliver AMO RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 8/25/17	Fri 8/25/17
550	9.1.21.5	Deliver FEDERAL ACCOUNTABILITY DESIGNATION STATE AND DISTRICT FILES	PDE	DRC-IS	1 day	Fri 8/25/17	Fri 8/25/17
551	9.1.21.6	Deliver NAEP RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/21/17	Fri 7/21/17
552	9.1.22	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Fri 7/28/17	Fri 8/4/17
553	9.1.22.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Fri 7/28/17	Fri 8/4/17
554	9.2	DATA PROCESSING SYSTEMS			145 days	Fri 12/9/16	Fri 7/7/17
555	9.2.1	GRADUATION ATTRIBUTION SYSTEM			9 days	Fri 12/9/16	Wed 12/21/16
556	9.2.1.1	Deliver GRADUATION ATTRIBUTION SYSTEM to Production	DRC-IS	LEA	1 day	Fri 12/9/16	Fri 12/9/16
557	9.2.1.2	Access GRADUATION ATTRIBUTION SYSTEM in Production	LEA		8 days	Mon 12/12/16	Wed 12/21/16
558	9.2.2	ATTRIBUTIONS AND CORRECTIONS SYSTEM			6 days	Mon 5/22/17	Tue 5/30/17
559	9.2.2.1	Deliver ATTRIBUTIONS AND CORRECTIONS to Production	DRC-IS	LEA	1 day	Mon 5/22/17	Mon 5/22/17

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560	9.2.2.2	Access ATTRIBUTIONS AND CORRECTIONS in Production	LEA		5 days	Tue 5/23/17	Tue 5/30/17
561	9.2.3	ATTRIBUTIONS SYSTEM			4 days	Fri 6/23/17	Wed 6/28/17
562	9.2.3.1	Deliver GRADE 11 ATTRIBUTIONS to Production	DRC-IS	LEA	1 day	Fri 6/23/17	Fri 6/23/17
563	9.2.3.2	Access GRADE 11 ATTRIBUTIONS in Production	LEA		3 days	Mon 6/26/17	Wed 6/28/17
564	9.2.4	PASA 1% REDISTRIBUTION SYSTEM			4 days	Fri 6/30/17	Fri 7/7/17
565	9.2.4.1	Deliver PASA 1% REDISTRIBUTION SYSTEM to Production	DRC-IS	LEA	1 day	Fri 6/30/17	Fri 6/30/17
566	9.2.4.2	Access PASA 1% REDISTRIBUTION SYSTEM in Production	LEA		3 days	Wed 7/5/17	Fri 7/7/17
567	10	DATA ANALYSIS			90 days	Mon 5/1/17	Thu 9/7/17
568	10.1	KEY VERIFICATION			9 days	Mon 5/1/17	Thu 5/11/17
569	10.1.1	KEY VERIFICATION [Math]			4 days	Mon 5/1/17	Thu 5/4/17
570	10.1.1.1	Deliver KEY VERIFICATION RESULTS [Math]	DRC-PS	DRC-TD	2 days	Mon 5/1/17	Tue 5/2/17
571	10.1.1.2	Approve KEY VERIFICATION RESULTS [Math]	DRC-TD	DRC-PS	2 days	Wed 5/3/17	Thu 5/4/17
572	10.1.2	KEY VERIFICATION [ELA]			4 days	Mon 5/1/17	Thu 5/4/17
573	10.1.2.1	Deliver KEY VERIFICATION RESULTS [ELA]	DRC-PS	DRC-TD	2 days	Mon 5/1/17	Tue 5/2/17
574	10.1.2.2	Approve KEY VERIFICATION RESULTS [ELA]	DRC-TD	DRC-PS	2 days	Wed 5/3/17	Thu 5/4/17
575	10.1.3	KEY VERIFICATION [Science]			4 days	Mon 5/8/17	Thu 5/11/17
576	10.1.3.1	Deliver KEY VERIFICATION RESULTS [Science]	DRC-PS	DRC-TD	2 days	Mon 5/8/17	Tue 5/9/17
577	10.1.3.2	Approve KEY VERIFICATION RESULTS [Science]	DRC-TD	DRC-PS	2 days	Wed 5/10/17	Thu 5/11/17
578	10.2	EQUATING			2 days	Fri 6/2/17	Mon 6/5/17
579	10.2.1	EQUATING			2 days	Fri 6/2/17	Mon 6/5/17
580	10.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Fri 6/2/17	Mon 6/5/17
581	10.3	ITEM ANALYSIS			43 days	Wed 5/31/17	Tue 8/1/17
582	10.3.1	ITEM ANALYSIS [Anchor Item Analysis]			2 days	Wed 5/31/17	Thu 6/1/17
583	10.3.1.1	Deliver ITEM ANALYSIS RESULTS [Math Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Wed 5/31/17	Thu 6/1/17
584	10.3.1.2	Deliver ITEM ANALYSIS RESULTS [ELA Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Wed 5/31/17	Thu 6/1/17
585	10.3.1.3	Deliver ITEM ANALYSIS RESULTS [Science Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Wed 5/31/17	Thu 6/1/17
586	10.3.2	ITEM ANALYSIS			4 days	Thu 7/27/17	Tue 8/1/17
587	10.3.2.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Thu 7/27/17	Tue 8/1/17
588	10.4	DATA ANALYSIS			30 days	Thu 7/27/17	Thu 9/7/17

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589	10.4.1	ERASURE ANALYSIS SUMMARY			20 days	Thu 7/27/17	Wed 8/23/17
590	10.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Thu 7/27/17	Wed 8/23/17
591	10.4.2	DATA FORENSICS SUMMARY			30 days	Thu 7/27/17	Thu 9/7/17
592	10.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Thu 7/27/17	Thu 9/7/17
593	11	REPORTING			354 days	Wed 6/15/16	Tue 11/7/17
594	11.1	ELECTRONIC REPORT PRODUCTION			75 days	Wed 6/7/17	Fri 9/22/17
595	11.1.1	ONLINE PARENT LETTERS			3 days	Wed 6/7/17	Fri 6/9/17
596	11.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Wed 6/7/17	Wed 6/7/17
597	11.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	1 day	Thu 6/8/17	Thu 6/8/17
598	11.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Fri 6/9/17	Fri 6/9/17
599	11.1.2	STUDENT PERFORMANCE FILES			1 day	Fri 6/9/17	Fri 6/9/17
600	11.1.2.1	Deliver STUDENT PERFORMANCE FILES to Field	DRC-IS	LEA	1 day	Fri 6/9/17	Fri 6/9/17
601	11.1.3	DISTRICT STUDENT DATA FILES			1 day	Thu 7/20/17	Thu 7/20/17
602	11.1.3.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 7/20/17	Thu 7/20/17
603	11.1.4	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 7/20/17	Thu 7/20/17
604	11.1.4.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 7/20/17	Thu 7/20/17
605	11.1.5	RFRM			10 days	Mon 9/11/17	Fri 9/22/17
606	11.1.5.1	Deliver RFRM for Review	eMetric	DRC-SQA, PDE	6 days	Mon 9/11/17	Mon 9/18/17
607	11.1.5.2	Approve RFRM	PDE	eMetric	2 days	Tue 9/19/17	Wed 9/20/17
608	11.1.5.3	Deliver RFRM to Field	eMetric	LEA	1 day	Fri 9/22/17	Fri 9/22/17
609	11.1.6	ONLINE DATA INTERACTION TOOL			13 days	Thu 8/3/17	Mon 8/21/17
610	11.1.6.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Thu 8/3/17	Fri 8/11/17
611	11.1.6.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Mon 8/14/17	Thu 8/17/17
612	11.1.6.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Fri 8/18/17	Mon 8/21/17
613	11.1.7	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Thu 7/20/17	Thu 8/17/17
614	11.1.7.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	eMetric	DRC-SQA, PDE	14 days	Thu 7/20/17	Tue 8/8/17
615	11.1.7.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	eMetric	5 days	Wed 8/9/17	Tue 8/15/17
616	11.1.7.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	eMetric	LEA	2 days	Wed 8/16/17	Thu 8/17/17
617	11.2	PRINTED REPORT PRODUCTION			319 days	Wed 6/15/16	Tue 9/19/17

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618	11.2.1	INDIVIDUAL STUDENT REPORT			303 days	Wed 6/15/16	Fri 8/25/17
619	11.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Wed 6/15/16	Tue 6/28/16
620	11.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Wed 6/29/16	Wed 7/13/16
621	11.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Thu 7/20/17	Mon 7/31/17
622	11.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Tue 8/1/17	Thu 8/24/17
623	11.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Wed 8/2/17	Fri 8/25/17
624	11.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Thu 9/14/17	Tue 9/19/17
625	11.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Thu 9/14/17	Thu 9/14/17
626	11.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Fri 9/15/17	Mon 9/18/17
627	11.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Tue 9/19/17	Tue 9/19/17
628	11.2.3	REPORT INTERPRETATION GUIDE			11 days	Tue 8/1/17	Tue 8/15/17
629	11.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Tue 8/1/17	Tue 8/1/17
630	11.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Wed 8/2/17	Mon 8/7/17
631	11.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Tue 8/8/17	Tue 8/15/17
632	11.3	TECHNICAL REPORTS			48 days	Thu 8/31/17	Tue 11/7/17
633	11.3.1	TECHNICAL REPORT			48 days	Thu 8/31/17	Tue 11/7/17
634	11.3.1.1	Deliver TECHNICAL REPORT PDF	DRC-PS	DRC-DIGITAL	45 days	Thu 8/31/17	Thu 11/2/17
635	11.3.1.2	Print and Finish TECHNICAL REPORT	DRC-DIGITAL	DRC-EPM	2 days	Fri 11/3/17	Mon 11/6/17
636	11.3.1.3	Deliver PRINTED TECHNICAL REPORT	DRC-EPM	PDE,TAC	1 day	Tue 11/7/17	Tue 11/7/17
637	11.4	REPORTS PACK AND SHIP			37 days	Mon 8/7/17	Wed 9/27/17
638	11.4.1	INDIVIDUAL STUDENT REPORT			21 days	Mon 8/7/17	Tue 9/5/17
639	11.4.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Mon 8/7/17	Mon 8/7/17
640	11.4.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	16 days	Tue 8/8/17	Tue 8/29/17
641	11.4.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Wed 8/30/17	Wed 8/30/17
642	11.4.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Thu 8/31/17	Tue 9/5/17
643	11.4.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Wed 9/20/17	Wed 9/27/17
644	11.4.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Wed 9/20/17	Thu 9/21/17
645	11.4.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Fri 9/22/17	Fri 9/22/17
646	11.4.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Mon 9/25/17	Wed 9/27/17

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1	0	PENNSYLVANIA SYSTEM OF SCHOOL ASSESSMENT: 2017-2018			469 days	Fri 12/30/16	Tue 11/6/18
2	1	PROJECT ADMINISTRATION			362 days	Fri 3/31/17	Wed 9/5/18
3	1.1	SCOPE			66 days	Fri 3/31/17	Wed 7/5/17
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Fri 3/31/17	Fri 3/31/17
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Fri 6/30/17	Fri 6/30/17
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Wed 7/5/17	Wed 7/5/17
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Wed 7/5/17	Wed 7/5/17
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Wed 7/5/17	Wed 7/5/17
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Fri 3/31/17	Fri 3/31/17
10	1.2	MEETINGS			341 days	Mon 5/1/17	Wed 9/5/18
11	1.2.1	INTERNAL MEETINGS			297 days	Wed 7/5/17	Wed 9/5/18
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Wed 7/5/17	Thu 7/13/17
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Wed 9/5/18	Wed 9/5/18
14	1.2.2	CLIENT MEETINGS			304 days	Mon 5/1/17	Fri 7/13/18
15	1.2.2.1	PLANNING MEETING [Meeting #1]			24 days	Mon 5/1/17	Fri 6/2/17
16	1.2.2.1.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Mon 5/1/17	Mon 5/1/17
17	1.2.2.1.2	Complete PLANNING MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 5/2/17	Mon 5/22/17
18	1.2.2.1.3	Conduct PLANNING MEETING [Meeting #1]	DRC,PDE	DRC,PDE	3 days	Tue 5/23/17	Thu 5/25/17
19	1.2.2.1.4	Complete PLANNING MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Fri 5/26/17	Fri 6/2/17
20	1.2.2.2	PLANNING MEETING [Meeting #2]			24 days	Tue 1/23/18	Mon 2/26/18
21	1.2.2.2.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 1/23/18	Tue 1/23/18
22	1.2.2.2.2	Complete PLANNING MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 1/24/18	Tue 2/13/18
23	1.2.2.2.3	Conduct PLANNING MEETING [Meeting #2]	DRC,PDE	DRC,PDE	3 days	Wed 2/14/18	Fri 2/16/18
24	1.2.2.2.4	Complete PLANNING MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Tue 2/20/18	Mon 2/26/18
25	1.2.2.3	MANAGEMENT MEETING [Meeting #1]			23 days	Fri 8/18/17	Wed 9/20/17
26	1.2.2.3.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 8/18/17	Fri 8/18/17
27	1.2.2.3.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Mon 8/21/17	Mon 9/11/17
28	1.2.2.3.3	Conduct MANAGEMENT MEETING [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Tue 9/12/17	Wed 9/13/17
29	1.2.2.3.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Thu 9/14/17	Wed 9/20/17

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30	1.2.2.4	MANAGEMENT MEETING [Meeting #2]			25 days	Mon 11/13/17	Tue 12/19/17
31	1.2.2.4.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	3 days	Mon 11/13/17	Wed 11/15/17
32	1.2.2.4.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 11/16/17	Fri 12/8/17
33	1.2.2.4.3	Conduct MANAGEMENT MEETING [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Mon 12/11/17	Tue 12/12/17
34	1.2.2.4.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Wed 12/13/17	Tue 12/19/17
35	1.2.2.5	MANAGEMENT MEETING [Meeting #3]			23 days	Mon 3/19/18	Wed 4/18/18
36	1.2.2.5.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Mon 3/19/18	Mon 3/19/18
37	1.2.2.5.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 3/20/18	Mon 4/9/18
38	1.2.2.5.3	Conduct MANAGEMENT MEETING [Meeting #3]	DRC,PDE	DRC,PDE	2 days	Tue 4/10/18	Wed 4/11/18
39	1.2.2.5.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #3]	DRC-EPM	PDE	5 days	Thu 4/12/18	Wed 4/18/18
40	1.2.2.6	MANAGEMENT MEETING [Meeting #4]			23 days	Tue 6/12/18	Fri 7/13/18
41	1.2.2.6.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 6/12/18	Tue 6/12/18
42	1.2.2.6.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 6/13/18	Tue 7/3/18
43	1.2.2.6.3	Conduct MANAGEMENT MEETING [Meeting #4]	DRC,PDE	DRC,PDE	2 days	Thu 7/5/18	Fri 7/6/18
44	1.2.2.6.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #4]	DRC-EPM	PDE	5 days	Mon 7/9/18	Fri 7/13/18
45	1.2.2.7	SITE VISIT [Meeting #1]			18 days	Mon 9/25/17	Wed 10/18/17
46	1.2.2.7.1	Deliver SITE VISIT REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Mon 9/25/17	Mon 9/25/17
47	1.2.2.7.2	Complete SITE VISIT PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 9/26/17	Mon 10/16/17
48	1.2.2.7.3	Conduct SITE VISIT [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Tue 10/17/17	Wed 10/18/17
49	1.2.2.8	SITE VISIT [Meeting #2]			18 days	Wed 4/25/18	Fri 5/18/18
50	1.2.2.8.1	Deliver SITE VISIT REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Wed 4/25/18	Wed 4/25/18
51	1.2.2.8.2	Complete SITE VISIT PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 4/26/18	Wed 5/16/18
52	1.2.2.8.3	Conduct SITE VISIT [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Thu 5/17/18	Fri 5/18/18
53	1.2.2.9	ADMINISTRATION TRAINING			31 days	Thu 1/25/18	Fri 3/9/18
54	1.2.2.9.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 1/25/18	Thu 1/25/18
55	1.2.2.9.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Fri 1/26/18	Fri 3/2/18
56	1.2.2.9.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 3/5/18	Fri 3/9/18
57	1.2.2.10	TEST ADMINISTRATOR CERTIFICATION TRAINING			59 days	Mon 2/12/18	Fri 5/4/18
58	1.2.2.10.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	59 days	Mon 2/12/18	Fri 5/4/18

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59	1.2.2.11	ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING			45 days	Wed 3/21/18	Tue 5/22/18
60	1.2.2.11.1	Deliver ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM,PDE	1 day	Wed 3/21/18	Wed 3/21/18
61	1.2.2.11.2	Complete ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	40 days	Thu 3/22/18	Wed 5/16/18
62	1.2.2.11.3	Conduct ATTRIBUTIONS AND CORRECTIONS WEBEX TRAINING	DRC-EPM,PDE	LEA	4 days	Thu 5/17/18	Tue 5/22/18
63	1.2.2.12	REDISTRIBUTION WEBEX TRAINING			8 days	Fri 6/15/18	Tue 6/26/18
64	1.2.2.12.1	Deliver REDISTRIBUTION WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM,PDE	1 day	Fri 6/15/18	Fri 6/15/18
65	1.2.2.12.2	Complete REDISTRIBUTION WEBEX TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	5 days	Mon 6/18/18	Fri 6/22/18
66	1.2.2.12.3	Conduct REDISTRIBUTION WEBEX TRAINING	DRC-EPM,PDE	LEA	2 days	Mon 6/25/18	Tue 6/26/18
67	1.2.3	COMMITTEE MEETINGS			269 days	Fri 5/26/17	Wed 6/20/18
68	1.2.3.1	BIAS REVIEW MEETING [17-18 YR]			9 days	Fri 5/26/17	Thu 6/8/17
69	1.2.3.1.1	Deliver BIAS REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 5/26/17	Fri 5/26/17
70	1.2.3.1.2	Complete BIAS REVIEW MEETING PREPARATION [17-18 YR]	DRC-EPM, DRC-TD	PDE	5 days	Tue 5/30/17	Mon 6/5/17
71	1.2.3.1.3	Conduct BIAS REVIEW MEETING [17-18 YR]	DRC-TD, PDE		3 days	Tue 6/6/17	Thu 6/8/17
72	1.2.3.2	ITEM REVIEW MEETING [17-18 YR]			15 days	Fri 5/26/17	Fri 6/16/17
73	1.2.3.2.1	Deliver ITEM REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 5/26/17	Fri 5/26/17
74	1.2.3.2.2	Complete ITEM REVIEW MEETING PREPARATION [17-18 YR]	DRC-EPM, DRC-TD	PDE	9 days	Tue 5/30/17	Fri 6/9/17
75	1.2.3.2.3	Conduct ITEM REVIEW MEETING [17-18 YR]	DRC-TD, PDE		5 days	Mon 6/12/17	Fri 6/16/17
76	1.2.3.3	DATA REVIEW MEETING [17-18 YR]			18 days	Wed 7/5/17	Fri 7/28/17
77	1.2.3.3.1	Deliver DATA REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Wed 7/5/17	Wed 7/5/17
78	1.2.3.3.2	Complete DATA REVIEW MEETING PREPARATION [17-18 YR]	DRC-TD, DRC-PS, PDE	PDE	13 days	Thu 7/6/17	Mon 7/24/17
79	1.2.3.3.3	Conduct DATA REVIEW MEETING [17-18 YR]	DRC-TD, DRC-PS, PDE		4 days	Tue 7/25/17	Fri 7/28/17
80	1.2.3.4	RANGEFINDING MEETING			21 days	Thu 5/10/18	Fri 6/8/18
81	1.2.3.4.1	Deliver RANGEFINDING MEETING REQUIREMENTS	DRC-TD, DRC-PAS, PDE	DRC-TD, DRC-PAS, PDE	1 day	Thu 5/10/18	Thu 5/10/18
82	1.2.3.4.2	Complete RANGEFINDING MEETING PREPARATION	DRC-TD, DRC-PAS, PDE	PDE	15 days	Fri 5/11/18	Fri 6/1/18
83	1.2.3.4.3	Conduct RANGEFINDING MEETING	DRC-TD, DRC-PAS, PDE		5 days	Mon 6/4/18	Fri 6/8/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
84	1.2.3.5	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #1]			44 days	Thu 10/19/17	Thu 12/21/17
85	1.2.3.5.1	Deliver TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Thu 10/19/17	Thu 10/19/17
86	1.2.3.5.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Fri 10/20/17	Mon 12/4/17
87	1.2.3.5.3	Conduct TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Tue 12/5/17	Thu 12/7/17
88	1.2.3.5.4	Complete TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Fri 12/8/17	Thu 12/21/17
89	1.2.3.6	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #2]			44 days	Thu 1/18/18	Wed 3/21/18
90	1.2.3.6.1	Deliver TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/18/18	Thu 1/18/18
91	1.2.3.6.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/19/18	Fri 3/2/18
92	1.2.3.6.3	Conduct TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/5/18	Wed 3/7/18
93	1.2.3.6.4	Complete TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/8/18	Wed 3/21/18
94	1.2.3.7	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #3]			44 days	Mon 4/16/18	Fri 6/15/18
95	1.2.3.7.1	Deliver TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Mon 4/16/18	Mon 4/16/18
96	1.2.3.7.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Tue 4/17/18	Tue 5/29/18
97	1.2.3.7.3	Conduct TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Wed 5/30/18	Fri 6/1/18
98	1.2.3.7.4	Complete TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Mon 6/4/18	Fri 6/15/18
99	1.2.3.8	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]			44 days	Thu 10/26/17	Fri 12/29/17
100	1.2.3.8.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Thu 10/26/17	Thu 10/26/17
101	1.2.3.8.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Fri 10/27/17	Mon 12/11/17
102	1.2.3.8.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Tue 12/12/17	Thu 12/14/17
103	1.2.3.8.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Fri 12/15/17	Fri 12/29/17
104	1.2.3.9	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]			44 days	Thu 1/25/18	Wed 3/28/18
105	1.2.3.9.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/25/18	Thu 1/25/18
106	1.2.3.9.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/26/18	Fri 3/9/18
107	1.2.3.9.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/12/18	Wed 3/14/18
108	1.2.3.9.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/15/18	Wed 3/28/18
109	1.2.3.10	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]			44 days	Thu 4/19/18	Wed 6/20/18
110	1.2.3.10.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Thu 4/19/18	Thu 4/19/18
111	1.2.3.10.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Fri 4/20/18	Fri 6/1/18
112	1.2.3.10.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Mon 6/4/18	Wed 6/6/18

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113	1.2.3.10.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Thu 6/7/18	Wed 6/20/18
114	2	TEST FORM PREPARATION			261 days	Fri 12/30/16	Fri 1/12/18
115	2.1	ITEM DEVELOPMENT			100 days	Fri 12/30/16	Mon 5/22/17
116	2.1.1	Develop ITEMS for Embedded Field Test Items [17-18 YR]	DRC-TD,Victory	PDE	100 days	Fri 12/30/16	Mon 5/22/17
117	2.2	PAPER TEST FORM PREPARATION [Math]			34 days	Tue 8/1/17	Mon 9/18/17
118	2.2.1	Develop TEST DESIGNS [Math]	DRC-TD	PDE	17 days	Tue 8/1/17	Wed 8/23/17
119	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Math]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17
120	2.2.3	Approve PAPER TEST FORMS Characteristics [Math]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
121	2.2.4	Deliver PAPER TEST FORM to PDE [Math]	DRC-TD	PDE	2 days	Fri 9/8/17	Mon 9/11/17
122	2.2.5	Approve PAPER TEST FORM [Math Face to Face]	PDE	DRC-TD	5 days	Tue 9/12/17	Mon 9/18/17
123	2.3	PAPER TEST FORM PREPARATION [ELA]			34 days	Tue 8/1/17	Mon 9/18/17
124	2.3.1	Develop TEST DESIGNS [ELA]	DRC-TD	PDE	17 days	Tue 8/1/17	Wed 8/23/17
125	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [ELA]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17
126	2.3.3	Approve PAPER TEST FORMS Characteristics [ELA]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
127	2.3.4	Deliver PAPER TEST FORM to PDE [ELA]	DRC-TD	PDE	2 days	Fri 9/8/17	Mon 9/11/17
128	2.3.5	Approve PAPER TEST FORM [ELA Face to Face]	PDE	DRC-TD	5 days	Tue 9/12/17	Mon 9/18/17
129	2.4	PAPER TEST FORM PREPARATION [Science]			34 days	Tue 8/1/17	Mon 9/18/17
130	2.4.1	Develop TEST DESIGNS [Science]	DRC-TD	PDE	17 days	Tue 8/1/17	Wed 8/23/17
131	2.4.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Science]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17
132	2.4.3	Approve PAPER TEST FORMS Characteristics [Science]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
133	2.4.4	Deliver PAPER TEST FORM to PDE [Science]	DRC-TD	PDE	2 days	Fri 9/8/17	Mon 9/11/17
134	2.4.5	Approve PAPER TEST FORM [Science Face to Face]	PDE	DRC-TD	5 days	Tue 9/12/17	Mon 9/18/17
135	2.5	ONLINE TEST FORM PREPARATION [Math]			94 days	Thu 8/24/17	Tue 1/9/18
136	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Math]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17
137	2.5.2	Approve ONLINE TEST FORMS Characteristics [Math]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
138	2.5.3	Deliver TD ENVIRONMENT for Item Review [Math]	DRC-IS	DRC-TD	25 days	Fri 9/8/17	Thu 10/12/17
139	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Math]	DRC-TD	DRC-IS	33 days	Mon 11/20/17	Tue 1/9/18
140	2.6	ONLINE TEST FORM PREPARATION [ELA]			94 days	Thu 8/24/17	Tue 1/9/18
141	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [ELA]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17

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142	2.6.2	Approve ONLINE TEST FORMS Characteristics [ELA]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
143	2.6.3	Deliver TD ENVIRONMENT for Item Review [ELA]	DRC-IS	DRC-TD	25 days	Fri 9/8/17	Thu 10/12/17
144	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [ELA]	DRC-TD	DRC-IS	33 days	Mon 11/20/17	Tue 1/9/18
145	2.7	ONLINE TEST FORM PREPARATION [Science]			94 days	Thu 8/24/17	Tue 1/9/18
146	2.7.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Science]	DRC-TD	DRC-PS	5 days	Thu 8/24/17	Wed 8/30/17
147	2.7.2	Approve ONLINE TEST FORMS Characteristics [Science]	DRC-PS	DRC-TD	5 days	Thu 8/31/17	Thu 9/7/17
148	2.7.3	Deliver TD ENVIRONMENT for Item Review [Science]	DRC-IS	DRC-TD	25 days	Fri 9/8/17	Thu 10/12/17
149	2.7.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Science]	DRC-TD	DRC-IS	33 days	Mon 11/20/17	Tue 1/9/18
150	2.8	VSL ITEM RECORDING			36 days	Mon 11/20/17	Fri 1/12/18
151	2.8.1	Deliver VSL SCRIPTS_FILES to Vendor	DRC-TD	Victory	5 days	Mon 11/20/17	Tue 11/28/17
152	2.8.2	Complete VSL ITEM RECORDING	Victory		20 days	Wed 11/29/17	Wed 12/27/17
153	2.8.3	Deliver VSL FILES for Approval	Victory	DRC-TD	1 day	Thu 12/28/17	Thu 12/28/17
154	2.8.4	Approve VSL FILES for Production	DRC-TD	DRC-IS	10 days	Fri 12/29/17	Fri 1/12/18
155	3	eDIRECT			175 days	Fri 8/25/17	Fri 5/4/18
156	3.1	eDIRECT PROJECT ADMINISTRATION			1 day	Fri 8/25/17	Fri 8/25/17
157	3.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Fri 8/25/17	Fri 8/25/17
158	3.2	eDIRECT SECURITY_PERMISSIONS			5 days	Mon 8/28/17	Fri 9/1/17
159	3.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Mon 8/28/17	Fri 9/1/17
160	3.3	eDIRECT MATERIALS RECEIPT NOTICE			50 days	Mon 2/26/18	Fri 5/4/18
161	3.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Mon 2/26/18	Mon 2/26/18
162	3.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		49 days	Tue 2/27/18	Fri 5/4/18
163	3.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			50 days	Mon 2/26/18	Fri 5/4/18
164	3.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Mon 2/26/18	Mon 2/26/18
165	3.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		49 days	Tue 2/27/18	Fri 5/4/18
166	3.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			49 days	Mon 2/26/18	Thu 5/3/18
167	3.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Mon 2/26/18	Mon 2/26/18
168	3.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		42 days	Wed 3/7/18	Thu 5/3/18
169	3.6	eDIRECT ENROLLMENT SYSTEM			11 days	Fri 9/15/17	Fri 9/29/17
170	3.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Fri 9/15/17	Thu 9/21/17

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171	3.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Fri 9/22/17	Fri 9/22/17
172	3.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Mon 9/25/17	Fri 9/29/17
173	4	STANDARD PRINT MATERIALS			165 days	Fri 7/14/17	Fri 3/9/18
174	4.1	TEST AND ANSWER BOOKLETS [Math]			116 days	Tue 9/19/17	Tue 3/6/18
175	4.1.1	Create TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-TD	20 days	Tue 9/19/17	Mon 10/16/17
176	4.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-PPS	10 days	Tue 10/17/17	Mon 10/30/17
177	4.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math]	DRC-PPS	DRC-TD	4 days	Tue 10/31/17	Fri 11/3/17
178	4.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Math]	DRC-TD	DRC-PPS	10 days	Mon 11/6/17	Fri 11/17/17
179	4.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-PPS	71 days	Mon 11/20/17	Mon 3/5/18
180	4.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
181	4.2	TEST AND ANSWER BOOKLETS [ELA]			116 days	Tue 9/19/17	Tue 3/6/18
182	4.2.1	Create TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-TD	20 days	Tue 9/19/17	Mon 10/16/17
183	4.2.2	Approve TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-PPS	10 days	Tue 10/17/17	Mon 10/30/17
184	4.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [ELA]	DRC-PPS	DRC-TD	4 days	Tue 10/31/17	Fri 11/3/17
185	4.2.4	Approve TEST AND ANSWER BOOKLETS to Print [ELA]	DRC-TD	DRC-PPS	10 days	Mon 11/6/17	Fri 11/17/17
186	4.2.5	Print and Finish TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-PPS	71 days	Mon 11/20/17	Mon 3/5/18
187	4.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
188	4.3	TEST AND ANSWER BOOKLETS [Science]			116 days	Tue 9/19/17	Tue 3/6/18
189	4.3.1	Create TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-TD	20 days	Tue 9/19/17	Mon 10/16/17
190	4.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-PPS	10 days	Tue 10/17/17	Mon 10/30/17
191	4.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science]	DRC-PPS	DRC-TD	4 days	Tue 10/31/17	Fri 11/3/17
192	4.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Science]	DRC-TD	DRC-PPS	10 days	Mon 11/6/17	Fri 11/17/17
193	4.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-PPS	71 days	Mon 11/20/17	Mon 3/5/18
194	4.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
195	4.4	ACCOMMODATED MATERIALS			116 days	Tue 9/19/17	Tue 3/6/18
196	4.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Math]			72 days	Mon 11/20/17	Tue 3/6/18
197	4.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Math]	DRC-TD	DRC-EPM	12 days	Mon 11/20/17	Thu 12/7/17
198	4.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Math]	DRC-EPM	DRC-PPS	5 days	Fri 12/8/17	Thu 12/14/17
199	4.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math]	DRC-PPS	DRC-EPM	4 days	Fri 12/15/17	Wed 12/20/17

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200	4.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Math]	DRC-EPM	DRC-PPS	5 days	Thu 12/21/17	Thu 12/28/17
201	4.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-PPS	45 days	Fri 12/29/17	Mon 3/5/18
202	4.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Math]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
203	4.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]			72 days	Mon 11/20/17	Tue 3/6/18
204	4.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-TD	DRC-EPM	12 days	Mon 11/20/17	Thu 12/7/17
205	4.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [ELA]	DRC-EPM	DRC-PPS	5 days	Fri 12/8/17	Thu 12/14/17
206	4.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [ELA]	DRC-PPS	DRC-EPM	4 days	Fri 12/15/17	Wed 12/20/17
207	4.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [ELA]	DRC-EPM	DRC-PPS	5 days	Thu 12/21/17	Thu 12/28/17
208	4.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-PPS	45 days	Fri 12/29/17	Mon 3/5/18
209	4.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [ELA]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
210	4.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Science]			72 days	Mon 11/20/17	Tue 3/6/18
211	4.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Science]	DRC-TD	DRC-EPM	12 days	Mon 11/20/17	Thu 12/7/17
212	4.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Science]	DRC-EPM	DRC-PPS	5 days	Fri 12/8/17	Thu 12/14/17
213	4.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science]	DRC-PPS	DRC-EPM	4 days	Fri 12/15/17	Wed 12/20/17
214	4.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Science]	DRC-EPM	DRC-PPS	5 days	Thu 12/21/17	Thu 12/28/17
215	4.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-PPS	45 days	Fri 12/29/17	Mon 3/5/18
216	4.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Science]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
217	4.4.4	BRAILLE BOOKLETS [Math]			72 days	Mon 11/20/17	Tue 3/6/18
218	4.4.4.1	Deliver BRAILLE BOOKLETS PDF [Math]	DRC-EPM	APH	1 day	Mon 11/20/17	Mon 11/20/17
219	4.4.4.2	Finish BRAILLE BOOKLETS [Math]	APH	DRC-EPM	65 days	Tue 11/21/17	Mon 2/26/18
220	4.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Math]	DRC-EPM	DRC-MAT	5 days	Tue 2/27/18	Mon 3/5/18
221	4.4.4.4	Deliver Finished BRAILLE BOOKLETS [Math]	DRC-MAT	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
222	4.4.5	BRAILLE BOOKLETS [ELA]			72 days	Mon 11/20/17	Tue 3/6/18
223	4.4.5.1	Deliver BRAILLE BOOKLETS PDF [ELA]	DRC-EPM	APH	1 day	Mon 11/20/17	Mon 11/20/17
224	4.4.5.2	Finish BRAILLE BOOKLETS [ELA]	APH	DRC-EPM	65 days	Tue 11/21/17	Mon 2/26/18
225	4.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [ELA]	DRC-EPM	DRC-MAT	5 days	Tue 2/27/18	Mon 3/5/18
226	4.4.5.4	Deliver Finished BRAILLE BOOKLETS [ELA]	DRC-MAT	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
227	4.4.6	BRAILLE BOOKLETS [Science]			72 days	Mon 11/20/17	Tue 3/6/18
228	4.4.6.1	Deliver BRAILLE BOOKLETS PDF [Science]	DRC-EPM	APH	1 day	Mon 11/20/17	Mon 11/20/17

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229	4.4.6.2	Finish BRAILLE BOOKLETS [Science]	APH	DRC-EPM	65 days	Tue 11/21/17	Mon 2/26/18
230	4.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Science]	DRC-EPM	DRC-MAT	5 days	Tue 2/27/18	Mon 3/5/18
231	4.4.6.4	Deliver Finished BRAILLE BOOKLETS [Science]	DRC-MAT	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
232	4.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]			116 days	Tue 9/19/17	Tue 3/6/18
233	4.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 9/19/17	Mon 11/20/17
234	4.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Math Spanish]	DRC-TD	DRC-TD	10 days	Fri 12/1/17	Thu 12/14/17
235	4.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Math Spanish]	DRC-TD	DRC-PPS	5 days	Fri 12/15/17	Thu 12/21/17
236	4.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Math Spanish]	DRC-PPS	DRC-TD	4 days	Fri 12/22/17	Thu 12/28/17
237	4.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Math Spanish]	DRC-TD	DRC-PPS	5 days	Fri 12/29/17	Fri 1/5/18
238	4.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]	DRC-PPS	DRC-PPS	40 days	Mon 1/8/18	Mon 3/5/18
239	4.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Math Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
240	4.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]			116 days	Tue 9/19/17	Tue 3/6/18
241	4.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 9/19/17	Mon 11/20/17
242	4.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Science Spanish]	DRC-TD	DRC-TD	10 days	Fri 12/1/17	Thu 12/14/17
243	4.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Science Spanish]	DRC-TD	DRC-PPS	5 days	Fri 12/15/17	Thu 12/21/17
244	4.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Science Spanish]	DRC-PPS	DRC-TD	4 days	Fri 12/22/17	Thu 12/28/17
245	4.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Science Spanish]	DRC-TD	DRC-PPS	5 days	Fri 12/29/17	Fri 1/5/18
246	4.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]	DRC-PPS	DRC-PPS	40 days	Mon 1/8/18	Mon 3/5/18
247	4.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Science Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 3/6/18	Tue 3/6/18
248	4.5	MANUALS			110 days	Tue 9/19/17	Mon 2/26/18
249	4.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			52 days	Wed 12/6/17	Tue 2/20/18
250	4.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	DRC-EPM, PDE	10 days	Wed 12/6/17	Tue 12/19/17
251	4.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Wed 12/20/17	Wed 12/27/17
252	4.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Thu 12/28/17	Thu 1/4/18
253	4.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	31 days	Fri 1/5/18	Fri 2/16/18
254	4.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Tue 2/20/18	Tue 2/20/18
255	4.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Math]			56 days	Mon 11/20/17	Fri 2/9/18
256	4.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Math]	DRC TD	DRC-TD, PDE	10 days	Mon 11/20/17	Tue 12/5/17
257	4.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	4 days	Wed 12/6/17	Mon 12/11/17

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258	4.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Math]	DRC TD	DRC-PPS	5 days	Tue 12/12/17	Mon 12/18/17
259	4.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Math]	DRC-PPS	DRC-PPS	36 days	Tue 12/19/17	Thu 2/8/18
260	4.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
261	4.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]			56 days	Mon 11/20/17	Fri 2/9/18
262	4.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [ELA]	DRC TD	DRC-TD, PDE	10 days	Mon 11/20/17	Tue 12/5/17
263	4.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [ELA]	DRC-PPS	DRC TD	4 days	Wed 12/6/17	Mon 12/11/17
264	4.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [ELA]	DRC TD	DRC-PPS	5 days	Tue 12/12/17	Mon 12/18/17
265	4.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]	DRC-PPS	DRC-PPS	36 days	Tue 12/19/17	Thu 2/8/18
266	4.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [ELA]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
267	4.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]			56 days	Mon 11/20/17	Fri 2/9/18
268	4.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Science]	DRC TD	DRC-TD, PDE	10 days	Mon 11/20/17	Tue 12/5/17
269	4.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Science]	DRC-PPS	DRC TD	4 days	Wed 12/6/17	Mon 12/11/17
270	4.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Science]	DRC TD	DRC-PPS	5 days	Tue 12/12/17	Mon 12/18/17
271	4.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]	DRC-PPS	DRC-PPS	36 days	Tue 12/19/17	Thu 2/8/18
272	4.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Science]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
273	4.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]			105 days	Tue 9/19/17	Fri 2/16/18
274	4.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC	40 days	Tue 9/19/17	Mon 11/13/17
275	4.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Math]	DRC TD	DRC-TD, PDE	8 days	Mon 1/8/18	Wed 1/17/18
276	4.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	3 days	Thu 1/18/18	Mon 1/22/18
277	4.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Math]	DRC TD	DRC-PPS	4 days	Tue 1/23/18	Fri 1/26/18
278	4.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]	DRC-PPS	DRC-PPS	14 days	Mon 1/29/18	Thu 2/15/18
279	4.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/16/18	Fri 2/16/18
280	4.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]			105 days	Tue 9/19/17	Fri 2/16/18
281	4.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC TD	40 days	Tue 9/19/17	Mon 11/13/17
282	4.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Science]	DRC TD	DRC-TD, PDE	8 days	Mon 1/8/18	Wed 1/17/18
283	4.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Science]	DRC-PPS	DRC TD	3 days	Thu 1/18/18	Mon 1/22/18
284	4.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Science]	DRC TD	DRC-PPS	4 days	Tue 1/23/18	Fri 1/26/18
285	4.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]	DRC-PPS	DRC-PPS	14 days	Mon 1/29/18	Thu 2/15/18
286	4.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Science]	DRC-PPS	DRC-MAT	1 day	Fri 2/16/18	Fri 2/16/18

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287	4.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]			46 days	Wed 12/6/17	Fri 2/9/18
288	4.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Math]	DRC TD	DRC-TD, PDE	10 days	Wed 12/6/17	Tue 12/19/17
289	4.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Math]	DRC-PPS	DRC TD	4 days	Wed 12/20/17	Tue 12/26/17
290	4.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Math]	DRC TD	DRC-PPS	5 days	Wed 12/27/17	Wed 1/3/18
291	4.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]	DRC-PPS	DRC-PPS	26 days	Thu 1/4/18	Thu 2/8/18
292	4.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Math]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
293	4.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA]			46 days	Wed 12/6/17	Fri 2/9/18
294	4.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [ELA ONLINE DFA]	DRC TD	DRC-TD, PDE	10 days	Wed 12/6/17	Tue 12/19/17
295	4.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [ELA ONLINE DFA]	DRC-PPS	DRC TD	4 days	Wed 12/20/17	Tue 12/26/17
296	4.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [ELA ONLINE DFA]	DRC TD	DRC-PPS	5 days	Wed 12/27/17	Wed 1/3/18
297	4.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA ONLINE DFA]	DRC-PPS	DRC-PPS	26 days	Thu 1/4/18	Thu 2/8/18
298	4.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [ELA ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
299	4.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science]			46 days	Wed 12/6/17	Fri 2/9/18
300	4.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Science ONLINE DFA]	DRC TD	DRC-TD, PDE	10 days	Wed 12/6/17	Tue 12/19/17
301	4.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Science ONLINE DFA]	DRC-PPS	DRC TD	4 days	Wed 12/20/17	Tue 12/26/17
302	4.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Science ONLINE DFA]	DRC TD	DRC-PPS	5 days	Wed 12/27/17	Wed 1/3/18
303	4.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science ONLINE DFA]	DRC-PPS	DRC-PPS	26 days	Thu 1/4/18	Thu 2/8/18
304	4.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Science ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 2/9/18	Fri 2/9/18
305	4.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 1/29/18	Mon 2/26/18
306	4.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 1/29/18	Mon 2/26/18
307	4.6	MANIPULATIVES			106 days	Tue 9/26/17	Tue 2/27/18
308	4.6.1	RULERS [Grades 3]			106 days	Tue 9/26/17	Tue 2/27/18
309	4.6.1.1	Deliver RULERS PDF [Grades 3]	DRC-TD	DRC-PPS	15 days	Tue 9/26/17	Mon 10/16/17
310	4.6.1.2	Deliver RULERS PRINTERS PROOF [Grades 3]	DRC-PPS	DRC-TD	10 days	Tue 10/17/17	Mon 10/30/17
311	4.6.1.3	Approve RULERS to Print [Grades 3]	DRC-TD	DRC-PPS	10 days	Tue 10/31/17	Mon 11/13/17
312	4.6.1.4	Print and Finish RULERS [Grades 3]	DRC-PPS	DRC-PPS	70 days	Tue 11/14/17	Mon 2/26/18
313	4.6.1.5	Deliver Finished RULERS [Grades 3]	DRC-PPS	DRC-MAT	1 day	Tue 2/27/18	Tue 2/27/18
314	4.6.2	PROTRACTORS [Grade 4]			106 days	Tue 9/26/17	Tue 2/27/18
315	4.6.2.1	Deliver PROTRACTORS PDF [Grade 4]	DRC-TD	DRC-PPS	15 days	Tue 9/26/17	Mon 10/16/17

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316	4.6.2.2	Deliver PROTRACTORS PRINTERS PROOF [Grade 4]	DRC-PPS	DRC-TD	10 days	Tue 10/17/17	Mon 10/30/17
317	4.6.2.3	Approve PROTRACTORS to Print [Grade 4]	DRC-TD	DRC-PPS	10 days	Tue 10/31/17	Mon 11/13/17
318	4.6.2.4	Print and Finish PROTRACTORS [Grade 4]	DRC-PPS	DRC-PPS	70 days	Tue 11/14/17	Mon 2/26/18
319	4.6.2.5	Deliver Finished PROTRACTORS [Grade 4]	DRC-PPS	DRC-MAT	1 day	Tue 2/27/18	Tue 2/27/18
320	4.7	ANCILLARY MATERIALS			165 days	Fri 7/14/17	Fri 3/9/18
321	4.7.1	ASSESSMENT UPDATE			100 days	Mon 10/16/17	Fri 3/9/18
322	4.7.1.1	Deliver FALL ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Mon 10/16/17	Fri 11/17/17
323	4.7.1.2	Deliver WINTER/SPRING ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Fri 2/2/18	Fri 3/9/18
324	4.7.2	FORMULA SHEETS [Math]			81 days	Tue 10/17/17	Mon 2/12/18
325	4.7.2.1	Deliver FORMULA SHEETS PDF [Math]	DRC-TD	DRC-PPS	20 days	Tue 10/17/17	Mon 11/13/17
326	4.7.2.2	Deliver FORMULA SHEETS PRINTERS PROOF [Math]	DRC-PPS	DRC-TD	4 days	Tue 11/14/17	Fri 11/17/17
327	4.7.2.3	Approve FORMULA SHEETS to Print [Math]	DRC-TD	DRC-PPS	5 days	Mon 11/20/17	Tue 11/28/17
328	4.7.2.4	Print and Finish FORMULA SHEETS [Math]	DRC-PPS	DRC-PPS	51 days	Wed 11/29/17	Fri 2/9/18
329	4.7.2.5	Deliver Finished FORMULA SHEETS [Math]	DRC-PPS	DRC-MAT	1 day	Mon 2/12/18	Mon 2/12/18
330	4.7.3	WRITERS CHECKLISTS [ELA]			81 days	Tue 10/17/17	Mon 2/12/18
331	4.7.3.1	Deliver WRITERS CHECKLISTS PDF [ELA]	DRC-TD	DRC-PPS	20 days	Tue 10/17/17	Mon 11/13/17
332	4.7.3.2	Deliver WRITERS CHECKLISTS PRINTERS PROOF [ELA]	DRC-PPS	DRC-TD	4 days	Tue 11/14/17	Fri 11/17/17
333	4.7.3.3	Approve WRITERS CHECKLISTS to Print [ELA]	DRC-TD	DRC-PPS	5 days	Mon 11/20/17	Tue 11/28/17
334	4.7.3.4	Print and Finish WRITERS CHECKLISTS [ELA]	DRC-PPS	DRC-PPS	51 days	Wed 11/29/17	Fri 2/9/18
335	4.7.3.5	Deliver Finished WRITERS CHECKLISTS [ELA]	DRC-PPS	DRC-MAT	1 day	Mon 2/12/18	Mon 2/12/18
336	4.7.4	FORMULA SHEETS [Math Spanish]			40 days	Fri 12/15/17	Mon 2/12/18
337	4.7.4.1	Deliver FORMULA SHEETS PDF [Math Spanish]	DRC-TD	DRC-PPS	10 days	Fri 12/15/17	Fri 12/29/17
338	4.7.4.2	Deliver FORMULA SHEETS PRINTERS PROOF [Math Spanish]	DRC-PPS	DRC-TD	4 days	Tue 1/2/18	Fri 1/5/18
339	4.7.4.3	Approve FORMULA SHEETS to Print [Math Spanish]	DRC-TD	DRC-PPS	5 days	Mon 1/8/18	Fri 1/12/18
340	4.7.4.4	Print and Finish FORMULA SHEETS [Math Spanish]	DRC-PPS	DRC-PPS	20 days	Mon 1/15/18	Fri 2/9/18
341	4.7.4.5	Deliver Finished FORMULA SHEETS [Math Spanish]	DRC-PPS	DRC-MAT	1 day	Mon 2/12/18	Mon 2/12/18
342	4.7.5	ITEM AND SCORING SAMPLER [Math]			33 days	Fri 7/14/17	Tue 8/29/17
343	4.7.5.1	Develop ITEM AND SCORING SAMPLER PDF [Math Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
344	4.7.5.2	Develop ITEM AND SCORING SAMPLER PDF [Math]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17

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345	4.7.5.3	Deliver ITEM AND SCORING SAMPLER PDF [Math]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
346	4.7.5.4	Approve ITEM AND SCORING SAMPLER [Math]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
347	4.7.5.5	Deliver Finished ITEM AND SCORING SAMPLER [Math]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
348	4.7.6	ITEM AND SCORING SAMPLER [ELA]			33 days	Fri 7/14/17	Tue 8/29/17
349	4.7.6.1	Develop ITEM AND SCORING SAMPLER PDF [ELA Braille Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
350	4.7.6.2	Develop ITEM AND SCORING SAMPLER PDF [ELA]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17
351	4.7.6.3	Deliver ITEM AND SCORING SAMPLER PDF [ELA]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
352	4.7.6.4	Approve ITEM AND SCORING SAMPLER [ELA]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
353	4.7.6.5	Deliver Finished ITEM AND SCORING SAMPLER [ELA]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
354	4.7.7	ITEM AND SCORING SAMPLER [Science]			33 days	Fri 7/14/17	Tue 8/29/17
355	4.7.7.1	Develop ITEM AND SCORING SAMPLER PDF [Science Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
356	4.7.7.2	Develop ITEM AND SCORING SAMPLER PDF [Science]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17
357	4.7.7.3	Deliver ITEM AND SCORING SAMPLER PDF [Science]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
358	4.7.7.4	Approve ITEM AND SCORING SAMPLER [Science]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
359	4.7.7.5	Deliver Finished ITEM AND SCORING SAMPLER [Science]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
360	4.8	ADMINISTRATIVE MATERIALS			45 days	Fri 1/5/18	Fri 3/9/18
361	4.8.1	LABELS [Precode, Dist Sch and DNS Labels]			37 days	Fri 1/5/18	Tue 2/27/18
362	4.8.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	6 days	Fri 1/5/18	Fri 1/12/18
363	4.8.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Mon 1/15/18	Mon 2/26/18
364	4.8.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Tue 2/27/18	Tue 2/27/18
365	4.8.2	LABELS [DRC Return Shipping Labels]			37 days	Fri 1/5/18	Tue 2/27/18
366	4.8.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Fri 1/5/18	Fri 1/12/18
367	4.8.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Mon 1/15/18	Mon 2/26/18
368	4.8.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Tue 2/27/18	Tue 2/27/18
369	4.8.3	UPS RS LABELS			38 days	Tue 1/16/18	Fri 3/9/18
370	4.8.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Tue 1/16/18	Mon 1/29/18
371	4.8.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Tue 1/30/18	Thu 2/15/18
372	4.8.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Fri 3/9/18	Fri 3/9/18
373	5	TEST MATERIALS PACK AND SHIP			30 days	Wed 2/7/18	Wed 3/21/18

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374	5.1	PACK AND SHIP SHIPMENT I			22 days	Wed 2/7/18	Fri 3/9/18
375	5.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Wed 2/7/18	Fri 2/9/18
376	5.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Mon 2/12/18	Mon 2/12/18
377	5.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Wed 2/21/18	Wed 2/21/18
378	5.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	10 days	Wed 2/21/18	Tue 3/6/18
379	5.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	10 days	Wed 2/21/18	Tue 3/6/18
380	5.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Wed 3/7/18	Fri 3/9/18
381	5.2	PACK AND SHIP SHIPMENT II			30 days	Wed 2/7/18	Wed 3/21/18
382	5.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	15 days	Wed 2/7/18	Wed 2/28/18
383	5.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Thu 3/1/18	Thu 3/1/18
384	5.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Wed 3/7/18	Wed 3/7/18
385	5.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Wed 3/7/18	Fri 3/16/18
386	5.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Wed 3/7/18	Fri 3/16/18
387	5.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Mon 3/19/18	Wed 3/21/18
388	6	ONLINE TESTING PREPARATION			153 days	Wed 9/27/17	Fri 5/4/18
389	6.1	eDIRECT TEST SETUP			51 days	Fri 2/23/18	Fri 5/4/18
390	6.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 2/23/18	Fri 2/23/18
391	6.1.2	Access eDIRECT TEST SETUP in Production	LEA		50 days	Mon 2/26/18	Fri 5/4/18
392	6.2	TEST ENGINE			111 days	Tue 11/28/17	Fri 5/4/18
393	6.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Tue 11/28/17	Tue 11/28/17
394	6.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Fri 2/23/18	Fri 2/23/18
395	6.2.3	Access TEST ENGINE in Production	LEA		50 days	Mon 2/26/18	Fri 5/4/18
396	6.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			52 days	Wed 1/10/18	Fri 3/23/18
397	6.3.1	ONLINE TEST FORMS PULL [Math]			52 days	Wed 1/10/18	Fri 3/23/18
398	6.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Math]			18 days	Wed 1/10/18	Fri 2/2/18
399	6.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Math]	DRC-IS	DRC-IS	1 day	Wed 1/10/18	Wed 1/10/18
400	6.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Math]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/11/18	Wed 1/17/18
401	6.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Math]	DRC-SQA, DRC-IS		7 days	Thu 1/18/18	Fri 1/26/18

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402	6.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Math]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/29/18	Fri 2/2/18
403	6.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Math]			17 days	Mon 2/5/18	Wed 2/28/18
404	6.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Math]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 2/5/18	Fri 2/9/18
405	6.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Math]	DRC-SQA, DRC-IS		7 days	Mon 2/12/18	Wed 2/21/18
406	6.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Math]	DRC-SQA, DRC-IS	DRC-IS	5 days	Thu 2/22/18	Wed 2/28/18
407	6.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Math]			17 days	Thu 3/1/18	Fri 3/23/18
408	6.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Math]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 3/1/18	Wed 3/7/18
409	6.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Math]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/8/18	Fri 3/16/18
410	6.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Math]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/19/18	Fri 3/23/18
411	6.3.2	ONLINE TEST FORMS PULL [ELA]			52 days	Wed 1/10/18	Fri 3/23/18
412	6.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [ELA]			18 days	Wed 1/10/18	Fri 2/2/18
413	6.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [ELA]	DRC-IS	DRC-IS	1 day	Wed 1/10/18	Wed 1/10/18
414	6.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [ELA]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/11/18	Wed 1/17/18
415	6.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [ELA]	DRC-SQA, DRC-IS		7 days	Thu 1/18/18	Fri 1/26/18
416	6.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [ELA]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/29/18	Fri 2/2/18
417	6.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [ELA]			17 days	Mon 2/5/18	Wed 2/28/18
418	6.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [ELA]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 2/5/18	Fri 2/9/18
419	6.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [ELA]	DRC-SQA, DRC-IS		7 days	Mon 2/12/18	Wed 2/21/18
420	6.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [ELA]	DRC-SQA, DRC-IS	DRC-IS	5 days	Thu 2/22/18	Wed 2/28/18
421	6.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [ELA]			17 days	Thu 3/1/18	Fri 3/23/18
422	6.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [ELA]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 3/1/18	Wed 3/7/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
423	6.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [ELA]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/8/18	Fri 3/16/18
424	6.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [ELA]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/19/18	Fri 3/23/18
425	6.3.3	ONLINE TEST FORMS PULL [Science]			52 days	Wed 1/10/18	Fri 3/23/18
426	6.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Science]			18 days	Wed 1/10/18	Fri 2/2/18
427	6.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Science]	DRC-IS	DRC-IS	1 day	Wed 1/10/18	Wed 1/10/18
428	6.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Science]	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 1/11/18	Wed 1/17/18
429	6.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Science]	DRC-SQA, DRC-IS		7 days	Thu 1/18/18	Fri 1/26/18
430	6.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Science]	DRC-SQA, DRC-IS	DRC-IS	5 days	Mon 1/29/18	Fri 2/2/18
431	6.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Science]			17 days	Mon 2/5/18	Wed 2/28/18
432	6.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Science]	DRC-IS	DRC-SQA, DRC-IS	5 days	Mon 2/5/18	Fri 2/9/18
433	6.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Science]	DRC-SQA, DRC-IS		7 days	Mon 2/12/18	Wed 2/21/18
434	6.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Science]	DRC-SQA, DRC-IS	DRC-IS	5 days	Thu 2/22/18	Wed 2/28/18
435	6.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Science]			17 days	Thu 3/1/18	Fri 3/23/18
436	6.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Science]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Thu 3/1/18	Wed 3/7/18
437	6.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Science]	DRC-SQA, DRC-IS, DRC-TD		7 days	Thu 3/8/18	Fri 3/16/18
438	6.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Science]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	5 days	Mon 3/19/18	Fri 3/23/18
439	6.4	ONLINE TESTING SUPPORT MATERIAL			153 days	Wed 9/27/17	Fri 5/4/18
440	6.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			145 days	Mon 10/9/17	Fri 5/4/18
441	6.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Mon 10/9/17	Thu 2/15/18
442	6.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Fri 2/16/18	Fri 2/23/18
443	6.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		50 days	Mon 2/26/18	Fri 5/4/18
444	6.4.2	ONLINE TUTORIALS			153 days	Wed 9/27/17	Fri 5/4/18

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445	6.4.2.1	Develop ONLINE TUTORIALS	DRC-TD, Victory	DRC-TD, DRC-EPM	90 days	Wed 9/27/17	Mon 2/5/18
446	6.4.2.2	Approve ONLINE TUTORIALS	DRC-TD, DRC-EPM	DRC-IS	10 days	Tue 2/6/18	Tue 2/20/18
447	6.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 2/21/18	Fri 2/23/18
448	6.4.2.4	Access ONLINE TUTORIALS in Production	LEA		50 days	Mon 2/26/18	Fri 5/4/18
449	7	TEST ADMINISTRATION			20 days	Mon 4/9/18	Fri 5/4/18
450	7.1	PAPER TEST IN PROGRESS	LEA		20 days	Mon 4/9/18	Fri 5/4/18
451	7.2	ONLINE TEST IN PROGRESS	LEA		20 days	Mon 4/9/18	Fri 5/4/18
452	8	MATERIALS RETURN AND DOCUMENT PROCESSING			158 days	Tue 1/30/18	Wed 9/12/18
453	8.1	IMAGING			21 days	Tue 1/30/18	Wed 2/28/18
454	8.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Tue 1/30/18	Tue 1/30/18
455	8.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Wed 1/31/18	Wed 2/28/18
456	8.2	SECURE MATERIAL			73 days	Fri 4/13/18	Thu 7/26/18
457	8.2.1	SECURE MATERIAL [Math]			47 days	Fri 4/20/18	Tue 6/26/18
458	8.2.1.1	Pick up SECURE MATERIAL [Math]	LEA	UPS	17 days	Fri 4/20/18	Mon 5/14/18
459	8.2.1.2	Receive SECURE MATERIAL [Math]	UPS	DRC-MAT	17 days	Wed 4/25/18	Thu 5/17/18
460	8.2.1.3	Check in SECURE MATERIAL [Math]	DRC-MAT	DRC-DP	17 days	Thu 4/26/18	Fri 5/18/18
461	8.2.1.4	Process SECURE MATERIAL [Math]	DRC-DP	DRC-PAS	17 days	Fri 4/27/18	Mon 5/21/18
462	8.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Math)]	DRC-PAS	DRC-IS	18 days	Tue 5/1/18	Thu 5/24/18
463	8.2.1.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (Math)]	DRC-PAS	DRC-IS	10 days	Mon 5/7/18	Fri 5/18/18
464	8.2.1.7	Handscore CONSTRUCTED RESPONSE [Field Test (Math)]	DRC-PAS	DRC-IS	12 days	Mon 6/11/18	Tue 6/26/18
465	8.2.2	SECURE MATERIAL [ELA]			52 days	Fri 4/13/18	Tue 6/26/18
466	8.2.2.1	Pick up SECURE MATERIAL [ELA]	LEA	UPS	22 days	Fri 4/13/18	Mon 5/14/18
467	8.2.2.2	Receive SECURE MATERIAL [ELA]	UPS	DRC-MAT	22 days	Wed 4/18/18	Thu 5/17/18
468	8.2.2.3	Check in SECURE MATERIAL [ELA]	DRC-MAT	DRC-DP	22 days	Thu 4/19/18	Fri 5/18/18
469	8.2.2.4	Process SECURE MATERIAL [ELA]	DRC-DP	DRC-PAS	22 days	Fri 4/20/18	Mon 5/21/18
470	8.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (ELA)]	DRC-PAS	DRC-IS	23 days	Tue 4/24/18	Thu 5/24/18
471	8.2.2.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (ELA)]	DRC-PAS	DRC-IS	10 days	Mon 4/30/18	Fri 5/11/18
472	8.2.2.7	Handscore CONSTRUCTED RESPONSE [Field Test (ELA)]	DRC-PAS	DRC-IS	12 days	Mon 6/11/18	Tue 6/26/18

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473	8.2.3	SCORABLE MATERIAL [Science]			42 days	Fri 4/27/18	Tue 6/26/18
474	8.2.3.1	Pick up SECURE MATERIAL [Science]	LEA	UPS	12 days	Fri 4/27/18	Mon 5/14/18
475	8.2.3.2	Receive SECURE MATERIAL [Science]	UPS	DRC-MAT	12 days	Wed 5/2/18	Thu 5/17/18
476	8.2.3.3	Check in SECURE MATERIAL [Science]	DRC-MAT	DRC-DP	12 days	Thu 5/3/18	Fri 5/18/18
477	8.2.3.4	Process SECURE MATERIAL [Science]	DRC-DP	DRC-PAS	12 days	Fri 5/4/18	Mon 5/21/18
478	8.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Science)]	DRC-PAS	DRC-IS	13 days	Tue 5/8/18	Thu 5/24/18
479	8.2.3.6	Handscore CONSTRUCTED RESPONSE [Scorer Drift (Science)]	DRC-PAS	DRC-IS	10 days	Wed 5/9/18	Tue 5/22/18
480	8.2.3.7	Handscore CONSTRUCTED RESPONSE [Field Test (Science)]	DRC-PAS	DRC-IS	12 days	Mon 6/11/18	Tue 6/26/18
481	8.2.4	STRAGGLERS			48 days	Fri 5/18/18	Thu 7/26/18
482	8.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Fri 5/18/18	Fri 5/18/18
483	8.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Tue 5/22/18	Wed 7/18/18
484	8.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Thu 7/19/18	Mon 7/23/18
485	8.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Tue 7/24/18	Thu 7/26/18
486	8.3	MISSING MATERIAL REPORT			90 days	Mon 5/7/18	Wed 9/12/18
487	8.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Mon 5/7/18	Tue 7/10/18
488	8.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Mon 5/7/18	Wed 9/12/18
489	9	POST TESTING DATA PROCESSING			194 days	Fri 11/17/17	Fri 8/24/18
490	9.1	DATA PROCESSING FILES			194 days	Fri 11/17/17	Fri 8/24/18
491	9.1.1	DATA FILE KEY CHECK [Math]			6 days	Fri 4/27/18	Fri 5/4/18
492	9.1.1.1	Deliver DATA FILE for KEY CHECK [Math]	DRC-IS	DRC-PS	6 days	Fri 4/27/18	Fri 5/4/18
493	9.1.2	DATA FILE KEY CHECK [ELA]			6 days	Fri 4/20/18	Fri 4/27/18
494	9.1.2.1	Deliver DATA FILE for KEY CHECK [ELA]	DRC-IS	DRC-PS	6 days	Fri 4/20/18	Fri 4/27/18
495	9.1.3	DATA FILE KEY CHECK [Science]			6 days	Fri 5/4/18	Fri 5/11/18
496	9.1.3.1	Deliver DATA FILE for KEY CHECK [Science]	DRC-IS	DRC-PS	6 days	Fri 5/4/18	Fri 5/11/18
497	9.1.4	DATA FILE EQUATING			3 days	Fri 5/25/18	Wed 5/30/18
498	9.1.4.1	Deliver DATA FILE for EQUATING	DRC-IS	DRC-PS	3 days	Fri 5/25/18	Wed 5/30/18
499	9.1.5	DATA FILE RATER DRIFT [Math]			63 days	Thu 3/1/18	Tue 5/29/18
500	9.1.5.1	Deliver DATA FILE for RATER DRIFT [Math Scoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Thu 3/1/18	Wed 3/14/18
501	9.1.5.2	Deliver DATA FILE for RATER DRIFT [Math]	DRC-IS	DRC-PS	6 days	Mon 5/21/18	Tue 5/29/18

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502	9.1.6	DATA FILE RATER DRIFT [ELA]			59 days	Thu 3/1/18	Tue 5/22/18
503	9.1.6.1	Deliver DATA FILE for RATER DRIFT [ELAScoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Thu 3/1/18	Wed 3/14/18
504	9.1.6.2	Deliver DATA FILE for RATER DRIFT [ELA]	DRC-IS	DRC-PS	2 days	Mon 5/21/18	Tue 5/22/18
505	9.1.7	DATA FILE RATER DRIFT [Science]			63 days	Thu 3/1/18	Tue 5/29/18
506	9.1.7.1	Deliver DATA FILE for RATER DRIFT [Science Scoring Study Sample Lithocode File]	DRC-PS	DRC-IS	10 days	Thu 3/1/18	Wed 3/14/18
507	9.1.7.2	Deliver DATA FILE for RATER DRIFT [Science]	DRC-IS	DRC-PS	4 days	Wed 5/23/18	Tue 5/29/18
508	9.1.8	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anlysis]			5 days	Thu 7/19/18	Wed 7/25/18
509	9.1.8.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Thu 7/19/18	Wed 7/25/18
510	9.1.9	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Thu 7/19/18	Wed 7/25/18
511	9.1.9.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Thu 7/19/18	Wed 7/25/18
512	9.1.10	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Thu 7/19/18	Wed 7/25/18
513	9.1.10.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Thu 7/19/18	Wed 7/25/18
514	9.1.11	PDE STUDENT FILE FOR PARENT LETTERS			104 days	Fri 1/12/18	Fri 6/8/18
515	9.1.11.1	Deliver File Layout for PDE STUDENT FILE FOR PARENT LETTERS	DRC-IS	PDE	1 day	Fri 1/12/18	Fri 1/12/18
516	9.1.11.2	Deliver PDE STUDENT FILE FOR PARENT LETTERS	DRC-IS	PDE	1 day	Wed 6/6/18	Wed 6/6/18
517	9.1.11.3	Approve PDE STUDENT FILE FOR PARENT LETTERS	PDE	DRC-IS	2 days	Thu 6/7/18	Fri 6/8/18
518	9.1.12	PDE FINAL STUDENT FILE			8 days	Mon 7/9/18	Wed 7/18/18
519	9.1.12.1	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	8 days	Mon 7/9/18	Wed 7/18/18
520	9.1.13	PDE FINAL STUDENT FILE to SAS			1 day	Thu 7/19/18	Thu 7/19/18
521	9.1.13.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Thu 7/19/18	Thu 7/19/18
522	9.1.14	SPP SUMMARY FILE			113 days	Mon 2/12/18	Mon 7/23/18
523	9.1.14.1	Deliver File Layout for SPP SUMMARY FILE	DRC-IS	PDE	1 day	Mon 2/12/18	Mon 2/12/18
524	9.1.14.2	Deliver SPP SUMMARY FILE	DRC-IS	PDE	3 days	Thu 7/19/18	Mon 7/23/18
525	9.1.15	SPP PARTICIPATION FILE			113 days	Mon 2/12/18	Mon 7/23/18
526	9.1.15.1	Deliver File Layout of SPP PARTICIPATION FILE	DRC-IS	PDE	1 day	Mon 2/12/18	Mon 2/12/18
527	9.1.15.2	Deliver SPP PARTICIPATION FILE	DRC-IS	PDE	3 days	Thu 7/19/18	Mon 7/23/18
528	9.1.16	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Thu 7/19/18	Wed 8/8/18
529	9.1.16.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Thu 7/19/18	Wed 8/1/18
530	9.1.16.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Thu 8/2/18	Wed 8/8/18

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531	9.1.17	DISAGGREGATED FILES			15 days	Thu 7/19/18	Wed 8/8/18
532	9.1.17.1	Deliver DISAGGREGATED FILES	DRC-IS	PDE	10 days	Thu 7/19/18	Wed 8/1/18
533	9.1.17.2	Approve DISAGGREGATED FILES	PDE	DRC-IS	5 days	Thu 8/2/18	Wed 8/8/18
534	9.1.18	PIMS PRECODE AND REPORTING FILES			136 days	Mon 12/4/17	Fri 6/15/18
535	9.1.18.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Mon 12/4/17	Tue 12/19/17
536	9.1.18.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	1 day	Mon 5/21/18	Mon 5/21/18
537	9.1.18.3	Deliver GRADE 11 DENOMINATOR FILE	PDE	DRC-IS	1 day	Fri 6/15/18	Fri 6/15/18
538	9.1.19	GRADUATION ATTRIBUTION			27 days	Fri 11/17/17	Thu 12/28/17
539	9.1.19.1	Deliver PIMS PRELIMINARY COHORT FILE	PDE	DRC-IS	1 day	Fri 11/17/17	Fri 11/17/17
540	9.1.19.2	Deliver PIMS FINAL COHORT FILE	PDE	DRC-IS	10 days	Mon 11/20/17	Tue 12/5/17
541	9.1.19.3	Deliver ATTRIBUTION EXTRACT FILE FOR PIMS	DRC-IS	PDE	5 days	Thu 12/21/17	Thu 12/28/17
542	9.1.20	PASA DATA FILES FOR PROCESSING			19 days	Fri 6/8/18	Fri 7/6/18
543	9.1.20.1	Deliver SCORED MATH AND READING PASA DATA FILE	U of Pitt	DRC-IS	0 days	Fri 6/8/18	Fri 6/8/18
544	9.1.20.2	Deliver SCORED SCIENCE PASA DATA FILE	U of Pitt	DRC-IS	0 days	Fri 7/6/18	Fri 7/6/18
545	9.1.21	PDE INPUT DATA FILES FOR RFRM			26 days	Fri 7/20/18	Fri 8/24/18
546	9.1.21.1	Deliver GRADUATION RATE RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 8/24/18	Fri 8/24/18
547	9.1.21.2	Deliver ATTENDANCE RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/20/18	Fri 7/20/18
548	9.1.21.3	Deliver HQT RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/20/18	Fri 7/20/18
549	9.1.21.4	Deliver AMO RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 8/24/18	Fri 8/24/18
550	9.1.21.5	Deliver FEDERAL ACCOUNTABILITY DESIGNATION STATE AND DISTRICT FILES	PDE	DRC-IS	1 day	Fri 8/24/18	Fri 8/24/18
551	9.1.21.6	Deliver NAEP RFRM INPUT FILE	PDE	DRC-IS	1 day	Fri 7/20/18	Fri 7/20/18
552	9.1.22	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Fri 7/27/18	Fri 8/3/18
553	9.1.22.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Fri 7/27/18	Fri 8/3/18
554	9.2	DATA PROCESSING SYSTEMS			146 days	Fri 12/8/17	Fri 7/6/18
555	9.2.1	GRADUATION ATTRIBUTION SYSTEM			9 days	Fri 12/8/17	Wed 12/20/17
556	9.2.1.1	Deliver GRADUATION ATTRIBUTION SYSTEM to Production	DRC-IS	LEA	1 day	Fri 12/8/17	Fri 12/8/17
557	9.2.1.2	Access GRADUATION ATTRIBUTION SYSTEM in Production	LEA		8 days	Mon 12/11/17	Wed 12/20/17
558	9.2.2	ATTRIBUTIONS AND CORRECTIONS SYSTEM			6 days	Tue 5/22/18	Wed 5/30/18
559	9.2.2.1	Deliver ATTRIBUTIONS AND CORRECTIONS to Production	DRC-IS	LEA	1 day	Tue 5/22/18	Tue 5/22/18

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560	9.2.2.2	Access ATTRIBUTIONS AND CORRECTIONS in Production	LEA		5 days	Wed 5/23/18	Wed 5/30/18
561	9.2.3	ATTRIBUTIONS SYSTEM			4 days	Mon 6/25/18	Thu 6/28/18
562	9.2.3.1	Deliver GRADE 11 ATTRIBUTIONS to Production	DRC-IS	LEA	1 day	Mon 6/25/18	Mon 6/25/18
563	9.2.3.2	Access GRADE 11 ATTRIBUTIONS in Production	LEA		3 days	Tue 6/26/18	Thu 6/28/18
564	9.2.4	PASA 1% REDISTRIBUTION SYSTEM			4 days	Mon 7/2/18	Fri 7/6/18
565	9.2.4.1	Deliver PASA 1% REDISTRIBUTION SYSTEM to Production	DRC-IS	LEA	1 day	Mon 7/2/18	Mon 7/2/18
566	9.2.4.2	Access PASA 1% REDISTRIBUTION SYSTEM in Production	LEA		3 days	Tue 7/3/18	Fri 7/6/18
567	10	DATA ANALYSIS			86 days	Mon 5/7/18	Thu 9/6/18
568	10.1	KEY VERIFICATION			9 days	Mon 5/7/18	Thu 5/17/18
569	10.1.1	KEY VERIFICATION [Math]			4 days	Mon 5/7/18	Thu 5/10/18
570	10.1.1.1	Deliver KEY VERIFICATION RESULTS [Math]	DRC-PS	DRC-TD	2 days	Mon 5/7/18	Tue 5/8/18
571	10.1.1.2	Approve KEY VERIFICATION RESULTS [Math]	DRC-TD	DRC-PS	2 days	Wed 5/9/18	Thu 5/10/18
572	10.1.2	KEY VERIFICATION [ELA]			4 days	Mon 5/7/18	Thu 5/10/18
573	10.1.2.1	Deliver KEY VERIFICATION RESULTS [ELA]	DRC-PS	DRC-TD	2 days	Mon 5/7/18	Tue 5/8/18
574	10.1.2.2	Approve KEY VERIFICATION RESULTS [ELA]	DRC-TD	DRC-PS	2 days	Wed 5/9/18	Thu 5/10/18
575	10.1.3	KEY VERIFICATION [Science]			4 days	Mon 5/14/18	Thu 5/17/18
576	10.1.3.1	Deliver KEY VERIFICATION RESULTS [Science]	DRC-PS	DRC-TD	2 days	Mon 5/14/18	Tue 5/15/18
577	10.1.3.2	Approve KEY VERIFICATION RESULTS [Science]	DRC-TD	DRC-PS	2 days	Wed 5/16/18	Thu 5/17/18
578	10.2	EQUATING			2 days	Mon 6/4/18	Tue 6/5/18
579	10.2.1	EQUATING			2 days	Mon 6/4/18	Tue 6/5/18
580	10.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Mon 6/4/18	Tue 6/5/18
581	10.3	ITEM ANALYSIS			43 days	Thu 5/31/18	Tue 7/31/18
582	10.3.1	ITEM ANALYSIS [Anchor Item Analysis]			2 days	Thu 5/31/18	Fri 6/1/18
583	10.3.1.1	Deliver ITEM ANALYSIS RESULTS [Math Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Thu 5/31/18	Fri 6/1/18
584	10.3.1.2	Deliver ITEM ANALYSIS RESULTS [ELA Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Thu 5/31/18	Fri 6/1/18
585	10.3.1.3	Deliver ITEM ANALYSIS RESULTS [Science Anchor Item Analysis]	DRC-PS	DRC-TD	2 days	Thu 5/31/18	Fri 6/1/18
586	10.3.2	ITEM ANALYSIS			4 days	Thu 7/26/18	Tue 7/31/18
587	10.3.2.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Thu 7/26/18	Tue 7/31/18
588	10.4	DATA ANALYSIS			30 days	Thu 7/26/18	Thu 9/6/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
589	10.4.1	ERASURE ANALYSIS SUMMARY			20 days	Thu 7/26/18	Wed 8/22/18
590	10.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Thu 7/26/18	Wed 8/22/18
591	10.4.2	DATA FORENSICS SUMMARY			30 days	Thu 7/26/18	Thu 9/6/18
592	10.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Thu 7/26/18	Thu 9/6/18
593	11	REPORTING			354 days	Wed 6/14/17	Tue 11/6/18
594	11.1	ELECTRONIC REPORT PRODUCTION			75 days	Thu 6/7/18	Fri 9/21/18
595	11.1.1	ONLINE PARENT LETTERS			3 days	Thu 6/7/18	Mon 6/11/18
596	11.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Thu 6/7/18	Thu 6/7/18
597	11.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	1 day	Fri 6/8/18	Fri 6/8/18
598	11.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Mon 6/11/18	Mon 6/11/18
599	11.1.2	STUDENT PERFORMANCE FILES			1 day	Mon 6/11/18	Mon 6/11/18
600	11.1.2.1	Deliver STUDENT PERFORMANCE FILES to Field	DRC-IS	LEA	1 day	Mon 6/11/18	Mon 6/11/18
601	11.1.3	DISTRICT STUDENT DATA FILES			1 day	Thu 7/19/18	Thu 7/19/18
602	11.1.3.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 7/19/18	Thu 7/19/18
603	11.1.4	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 7/19/18	Thu 7/19/18
604	11.1.4.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 7/19/18	Thu 7/19/18
605	11.1.5	RFRM			10 days	Mon 9/10/18	Fri 9/21/18
606	11.1.5.1	Deliver RFRM for Review	eMetric	DRC-SQA, PDE	6 days	Mon 9/10/18	Mon 9/17/18
607	11.1.5.2	Approve RFRM	PDE	eMetric	2 days	Tue 9/18/18	Wed 9/19/18
608	11.1.5.3	Deliver RFRM to Field	eMetric	LEA	1 day	Fri 9/21/18	Fri 9/21/18
609	11.1.6	ONLINE DATA INTERACTION TOOL			13 days	Thu 8/2/18	Mon 8/20/18
610	11.1.6.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Thu 8/2/18	Fri 8/10/18
611	11.1.6.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Mon 8/13/18	Thu 8/16/18
612	11.1.6.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Fri 8/17/18	Mon 8/20/18
613	11.1.7	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Thu 7/19/18	Thu 8/16/18
614	11.1.7.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	eMetric	DRC-SQA, PDE	14 days	Thu 7/19/18	Tue 8/7/18
615	11.1.7.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	eMetric	5 days	Wed 8/8/18	Tue 8/14/18
616	11.1.7.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	eMetric	LEA	2 days	Wed 8/15/18	Thu 8/16/18
617	11.2	PRINTED REPORT PRODUCTION			319 days	Wed 6/14/17	Tue 9/18/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
618	11.2.1	INDIVIDUAL STUDENT REPORT			303 days	Wed 6/14/17	Fri 8/24/18
619	11.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Wed 6/14/17	Tue 6/27/17
620	11.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Wed 6/28/17	Thu 7/13/17
621	11.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Thu 7/19/18	Mon 7/30/18
622	11.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Tue 7/31/18	Thu 8/23/18
623	11.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Wed 8/1/18	Fri 8/24/18
624	11.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Thu 9/13/18	Tue 9/18/18
625	11.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Thu 9/13/18	Thu 9/13/18
626	11.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Fri 9/14/18	Mon 9/17/18
627	11.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Tue 9/18/18	Tue 9/18/18
628	11.2.3	REPORT INTERPRETATION GUIDE			11 days	Tue 7/31/18	Tue 8/14/18
629	11.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Tue 7/31/18	Tue 7/31/18
630	11.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Wed 8/1/18	Mon 8/6/18
631	11.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Tue 8/7/18	Tue 8/14/18
632	11.3	TECHNICAL REPORTS			48 days	Thu 8/30/18	Tue 11/6/18
633	11.3.1	TECHNICAL REPORT			48 days	Thu 8/30/18	Tue 11/6/18
634	11.3.1.1	Deliver TECHNICAL REPORT PDF	DRC-PS	DRC-DIGITAL	45 days	Thu 8/30/18	Thu 11/1/18
635	11.3.1.2	Print and Finish TECHNICAL REPORT	DRC-DIGITAL	DRC-EPM	2 days	Fri 11/2/18	Mon 11/5/18
636	11.3.1.3	Deliver PRINTED TECHNICAL REPORT	DRC-EPM	PDE,TAC	1 day	Tue 11/6/18	Tue 11/6/18
637	11.4	REPORTS PACK AND SHIP			37 days	Mon 8/6/18	Wed 9/26/18
638	11.4.1	INDIVIDUAL STUDENT REPORT			21 days	Mon 8/6/18	Tue 9/4/18
639	11.4.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Mon 8/6/18	Mon 8/6/18
640	11.4.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	16 days	Tue 8/7/18	Tue 8/28/18
641	11.4.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Wed 8/29/18	Wed 8/29/18
642	11.4.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Thu 8/30/18	Tue 9/4/18
643	11.4.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Wed 9/19/18	Wed 9/26/18
644	11.4.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Wed 9/19/18	Thu 9/20/18
645	11.4.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Fri 9/21/18	Fri 9/21/18
646	11.4.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Mon 9/24/18	Wed 9/26/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	CLASSROOM DIAGNOSTIC TOOLS: 2016-2017			403 days	Mon 1/4/16	Fri 8/4/17
2	1	PROJECT ADMINISTRATION			403 days	Mon 1/4/16	Fri 8/4/17
3	1.1	SCOPE			3 days	Mon 1/4/16	Wed 1/6/16
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Mon 1/4/16	Mon 1/4/16
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Tue 1/5/16	Tue 1/5/16
6	1.1.3	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Wed 1/6/16	Wed 1/6/16
7	1.2	MEETINGS			402 days	Tue 1/5/16	Fri 8/4/17
8	1.2.1	INTERNAL MEETINGS			320 days	Fri 4/29/16	Fri 8/4/17
9	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	1 day	Fri 4/29/16	Fri 4/29/16
10	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	5 days	Mon 7/31/17	Fri 8/4/17
11	1.2.2	ADMINISTRATION TRAINING			19 days	Tue 8/2/16	Fri 8/26/16
12	1.2.2.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 8/2/16	Tue 8/2/16
13	1.2.2.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 8/3/16	Tue 8/23/16
14	1.2.2.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	3 days	Wed 8/24/16	Fri 8/26/16
15	1.2.3	TECHNOLOGY TRAINING			19 days	Fri 7/8/16	Wed 8/3/16
16	1.2.3.1	Deliver TECHNOLOGY TRAINING REQUIREMENTS	DRC-EPM, IS	DRC-EPM, IS	1 day	Fri 7/8/16	Fri 7/8/16
17	1.2.3.2	Complete TECHNOLOGY TRAINING PREPARATION	DRC-EPM, IS	DRC-EPM, IS	15 days	Mon 7/11/16	Fri 7/29/16
18	1.2.3.3	Conduct TECHNOLOGY TRAINING	DRC-EPM, IS	LEA	3 days	Mon 8/1/16	Wed 8/3/16
19	1.2.4	BIAS REVIEW MEETING			19 days	Tue 3/22/16	Fri 4/15/16
20	1.2.4.1	Deliver BIAS REVIEW MEETING REQUIREMENTS	DRC-TD,PDE	DRC-TD,PDE	1 day	Tue 3/22/16	Tue 3/22/16
21	1.2.4.2	Complete BIAS REVIEW MEETING PREPARATION	DRC-EPM, DRC-TD	PDE	15 days	Wed 3/23/16	Tue 4/12/16
22	1.2.4.3	Conduct BIAS REVIEW MEETING	DRC-TD, PDE		3 days	Wed 4/13/16	Fri 4/15/16
23	1.2.5	ITEM REVIEW MEETING			21 days	Fri 4/1/16	Fri 4/29/16
24	1.2.5.1	Deliver ITEM REVIEW MEETING REQUIREMENTS	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 4/1/16	Fri 4/1/16
25	1.2.5.2	Complete ITEM REVIEW MEETING PREPARATION	DRC-EPM, DRC-TD	PDE	15 days	Mon 4/4/16	Fri 4/22/16
26	1.2.5.3	Conduct ITEM REVIEW MEETING	DRC-TD, PDE		5 days	Mon 4/25/16	Fri 4/29/16
27	1.2.6	DATA REVIEW MEETING			20 days	Tue 1/5/16	Mon 2/1/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
28	1.2.6.1	Deliver DATA REVIEW MEETING REQUIREMENTS	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Tue 1/5/16	Tue 1/5/16
29	1.2.6.2	Complete DATA REVIEW MEETING PREPARATION	DRC-TD, DRC-PS, PDE	PDE	15 days	Wed 1/6/16	Tue 1/26/16
30	1.2.6.3	Conduct DATA REVIEW MEETING	DRC-TD, DRC-PS, PDE		4 days	Wed 1/27/16	Mon 2/1/16
31	2	TEST FORM PREPARATION			105 days	Tue 1/5/16	Wed 6/1/16
32	2.1	ITEM DEVELOPMENT			54 days	Tue 1/5/16	Mon 3/21/16
33	2.1.1	Approve ITEMS for Test Creation	PDE	DRC-TD	54 days	Tue 1/5/16	Mon 3/21/16
34	2.2	ONLINE TEST FORM PREPARATION			20 days	Wed 5/4/16	Wed 6/1/16
35	2.2.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review	DRC-TD	DRC-PS	5 days	Wed 5/4/16	Tue 5/10/16
36	2.2.2	Approve ONLINE TEST FORMS Characteristics	DRC-PS	DRC-TD	3 days	Wed 5/11/16	Fri 5/13/16
37	2.2.3	Deliver TD ENVIRONMENT for Item Review	DRC-IS	DRC-TD	2 days	Mon 5/16/16	Tue 5/17/16
38	2.2.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT	DRC-TD	DRC-IS	10 days	Wed 5/18/16	Wed 6/1/16
39	3	eDIRECT			6 days	Thu 6/30/16	Fri 7/8/16
40	3.1	eDIRECT PROJECT ADMINISTRATION			1 day	Thu 6/30/16	Thu 6/30/16
41	3.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Thu 6/30/16	Thu 6/30/16
42	3.2	eDIRECT SECURITY_PERMISSIONS			5 days	Fri 7/1/16	Fri 7/8/16
43	3.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Fri 7/1/16	Fri 7/8/16
44	4	MANUALS			1 day	Tue 7/12/16	Tue 7/12/16
45	4.1	TECHNOLOGY USER GUIDE			1 day	Tue 7/12/16	Tue 7/12/16
46	4.1.1	Deliver Finished TECHNOLOGY USER GUIDE	DRC-EPM	LEA	1 day	Tue 7/12/16	Tue 7/12/16
47	4.2	TEST SETUP USER GUIDE			1 day	Tue 7/12/16	Tue 7/12/16
48	4.2.1	Deliver Finished TEST SETUP USER GUIDE	DRC-EPM	LEA	1 day	Tue 7/12/16	Tue 7/12/16
49	5	ONLINE TESTING PREPARATION			327 days	Wed 4/13/16	Fri 7/28/17
50	5.1	eDIRECT TEST SETUP			266 days	Mon 7/11/16	Fri 7/28/17
51	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Mon 7/11/16	Mon 7/11/16
52	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		265 days	Tue 7/12/16	Fri 7/28/17
53	5.2	TEST ENGINE			327 days	Wed 4/13/16	Fri 7/28/17
54	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Wed 4/13/16	Wed 4/13/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
55	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Mon 7/11/16	Mon 7/11/16
56	5.2.3	Access TEST ENGINE in Production	LEA		265 days	Tue 7/12/16	Fri 7/28/17
57	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			46 days	Thu 6/2/16	Fri 8/5/16
58	5.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT			16 days	Thu 6/2/16	Thu 6/23/16
59	5.3.1.1	Initiate ONLINE TEST FORMS Production Pull	DRC-IS	DRC-IS	1 day	Thu 6/2/16	Thu 6/2/16
60	5.3.1.2	Pull ONLINE TEST FORMS into Development Environment with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS	5 days	Fri 6/3/16	Thu 6/9/16
61	5.3.1.3	Review ONLINE TEST FORMS in Development Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS		6 days	Fri 6/10/16	Fri 6/17/16
62	5.3.1.4	Approve ONLINE TEST FORMS in Development Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS	DRC-IS	4 days	Mon 6/20/16	Thu 6/23/16
63	5.3.2	ONLINE TEST FORMS_MIGRATE to STAGING			15 days	Fri 6/24/16	Fri 7/15/16
64	5.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS	5 days	Fri 6/24/16	Thu 6/30/16
65	5.3.2.2	Review ONLINE TEST FORMS in Staging Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS		6 days	Fri 7/1/16	Mon 7/11/16
66	5.3.2.3	Approve ONLINE TEST FORMS in Staging Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 7/12/16	Fri 7/15/16
67	5.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION			15 days	Mon 7/18/16	Fri 8/5/16
68	5.3.3.1	Migrate Final ONLINE TEST FORMS into Production with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Mon 7/18/16	Fri 7/22/16
69	5.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production with Computer Adaptive Tool	DRC-SQA, DRC-IS, DRC-TD		6 days	Mon 7/25/16	Mon 8/1/16
70	5.3.3.3	Approve Final ONLINE TEST FORMS in Production with Computer Adaptive Tool	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 8/2/16	Fri 8/5/16
71	5.4	ONLINE TESTING SUPPORT MATERIAL			308 days	Tue 5/10/16	Fri 7/28/17
72	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			290 days	Mon 6/6/16	Fri 7/28/17
73	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	20 days	Mon 6/6/16	Fri 7/1/16
74	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Tue 7/5/16	Mon 7/11/16
75	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		265 days	Tue 7/12/16	Fri 7/28/17
76	5.4.2	ONLINE TUTORIALS			308 days	Tue 5/10/16	Fri 7/28/17
77	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD, Wolfgang	DRC-TD, DRC-EPM	30 days	Tue 5/10/16	Tue 6/21/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
78	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD, DRC-EPM	DRC-IS	10 days	Wed 6/22/16	Wed 7/6/16
79	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Thu 7/7/16	Mon 7/11/16
80	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		265 days	Tue 7/12/16	Fri 7/28/17
81	6	ONLINE TESTING INTERACTIVE REPORTING			116 days	Wed 5/11/16	Mon 10/24/16
82	6.1	INTERACTIVE REPORTING SETUP			98 days	Tue 6/7/16	Mon 10/24/16
83	6.1.1	LOADABLE LEARNING PROGRESSIONS			20 days	Wed 7/13/16	Tue 8/9/16
84	6.1.1.1	Deliver LOADABLE LEARNING PROGRESSIONS	DRC-TD	DRC-IS	20 days	Wed 7/13/16	Tue 8/9/16
85	6.1.2	DRIVER TABLES			13 days	Thu 6/23/16	Tue 7/12/16
86	6.1.2.1	Deliver DRIVER TABLE	DRC-TD	DRC-IS	13 days	Thu 6/23/16	Tue 7/12/16
87	6.1.3	MAP CONFIGURATIONS			12 days	Tue 6/7/16	Wed 6/22/16
88	6.1.3.1	Deliver MAP CONFIGURATION LOGIT CUTS	DRC-PS	DRC-IS	12 days	Tue 6/7/16	Wed 6/22/16
89	6.1.4	SIMULATION STUDENT OUTPUT			76 days	Fri 7/8/16	Mon 10/24/16
90	6.1.4.1	Complete SIMULATION STUDENT OUTPUT Setup	DRC-IS	DRC-PS	75 days	Fri 7/8/16	Fri 10/21/16
91	6.1.4.2	Deliver SIMULATION STUDENT OUTPUT FILE	DRC-PS	DRC-TD,DRC-IS	1 day	Mon 10/24/16	Mon 10/24/16
92	6.2	CDT TRAINING DEMO SIMULATIONS			72 days	Wed 5/11/16	Mon 8/22/16
93	6.2.1	Deliver SIMULATION DATA CRITERIA	DRC-TD	DRC-PS	5 days	Wed 5/11/16	Tue 5/17/16
94	6.2.2	Develop SIMULATION DATA FILE	DRC-PS	DRC-TD	25 days	Wed 5/18/16	Wed 6/22/16
95	6.2.3	Approve SIMULATION DATA	DRC-TD		6 days	Thu 6/23/16	Thu 6/30/16
96	6.2.4	Deliver SIMULATION DATA to testing environment	DRC-IS	DRC-TD	5 days	Fri 7/1/16	Fri 7/8/16
97	6.2.5	Review SIMULATION DATA in testing environment	DRC-TD	DRC-IS	15 days	Mon 7/11/16	Fri 7/29/16
98	6.2.6	Deliver SIMULATION DATA to production	DRC-IS	DRC-TD	5 days	Mon 8/1/16	Fri 8/5/16
99	6.2.7	Review SIMULATION DATA in production	DRC-TD	LEA	10 days	Mon 8/8/16	Fri 8/19/16
100	6.2.8	Access SIMULATION DATA in production	LEA		1 day	Mon 8/22/16	Mon 8/22/16
101	6.3	INTERACTIVE REPORTING MAPS RELEASE			6 days	Wed 8/10/16	Wed 8/17/16
102	6.3.1	Deliver INTERACTIVE MAPS in Production	DRC-IS	DRC-TD	5 days	Wed 8/10/16	Tue 8/16/16
103	6.3.2	Approve INTERACTIVE MAPS in Production	DRC-TD	DRC-IS	1 day	Wed 8/17/16	Wed 8/17/16
104	7	ONLINE TEST IN PROGRESS			236 days	Mon 8/22/16	Fri 7/28/17
105	7.1	ONLINE TEST IN PROGRESS	LEA		236 days	Mon 8/22/16	Fri 7/28/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
106	8	DATA FILE ITEM ANALYSIS			231 days	Mon 8/29/16	Fri 7/28/17
107	8.1	Deliver DAILY DATA FILE for ITEM ANALYSIS	DRC-IS	DRC-PS	231 days	Mon 8/29/16	Fri 7/28/17
108	8.2	Conduct ITEM ANALYSIS	DRC-PS	DRC-TD	229 days	Wed 8/31/16	Fri 7/28/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	CLASSROOM DIAGNOSTIC TOOLS: 2017-2018			401 days	Wed 1/4/17	Fri 8/3/18
2	1	PROJECT ADMINISTRATION			401 days	Wed 1/4/17	Fri 8/3/18
3	1.1	SCOPE			3 days	Wed 1/4/17	Fri 1/6/17
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Wed 1/4/17	Wed 1/4/17
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Thu 1/5/17	Thu 1/5/17
6	1.1.3	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Fri 1/6/17	Fri 1/6/17
7	1.2	MEETINGS			399 days	Fri 1/6/17	Fri 8/3/18
8	1.2.1	INTERNAL MEETINGS			318 days	Tue 5/2/17	Fri 8/3/18
9	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	1 day	Tue 5/2/17	Tue 5/2/17
10	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	5 days	Mon 7/30/18	Fri 8/3/18
11	1.2.2	ADMINISTRATION TRAINING			19 days	Fri 8/4/17	Wed 8/30/17
12	1.2.2.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 8/4/17	Fri 8/4/17
13	1.2.2.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Mon 8/7/17	Fri 8/25/17
14	1.2.2.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	3 days	Mon 8/28/17	Wed 8/30/17
15	1.2.3	TECHNOLOGY TRAINING			19 days	Tue 7/11/17	Fri 8/4/17
16	1.2.3.1	Deliver TECHNOLOGY TRAINING REQUIREMENTS	DRC-EPM, IS	DRC-EPM, IS	1 day	Tue 7/11/17	Tue 7/11/17
17	1.2.3.2	Complete TECHNOLOGY TRAINING PREPARATION	DRC-EPM, IS	DRC-EPM, IS	15 days	Wed 7/12/17	Tue 8/1/17
18	1.2.3.3	Conduct TECHNOLOGY TRAINING	DRC-EPM, IS	LEA	3 days	Wed 8/2/17	Fri 8/4/17
19	1.2.4	BIAS REVIEW MEETING			19 days	Fri 3/24/17	Wed 4/19/17
20	1.2.4.1	Deliver BIAS REVIEW MEETING REQUIREMENTS	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 3/24/17	Fri 3/24/17
21	1.2.4.2	Complete BIAS REVIEW MEETING PREPARATION	DRC-EPM, DRC-TD	PDE	15 days	Mon 3/27/17	Fri 4/14/17
22	1.2.4.3	Conduct BIAS REVIEW MEETING	DRC-TD, PDE		3 days	Mon 4/17/17	Wed 4/19/17
23	1.2.5	ITEM REVIEW MEETING			21 days	Fri 3/31/17	Fri 4/28/17
24	1.2.5.1	Deliver ITEM REVIEW MEETING REQUIREMENTS	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 3/31/17	Fri 3/31/17
25	1.2.5.2	Complete ITEM REVIEW MEETING PREPARATION	DRC-EPM, DRC-TD	PDE	15 days	Mon 4/3/17	Fri 4/21/17
26	1.2.5.3	Conduct ITEM REVIEW MEETING	DRC-TD, PDE		5 days	Mon 4/24/17	Fri 4/28/17
27	1.2.6	DATA REVIEW MEETING			20 days	Fri 1/6/17	Thu 2/2/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
28	1.2.6.1	Deliver DATA REVIEW MEETING REQUIREMENTS	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Fri 1/6/17	Fri 1/6/17
29	1.2.6.2	Complete DATA REVIEW MEETING PREPARATION	DRC-TD, DRC-PS, PDE	PDE	15 days	Mon 1/9/17	Fri 1/27/17
30	1.2.6.3	Conduct DATA REVIEW MEETING	DRC-TD, DRC-PS, PDE		4 days	Mon 1/30/17	Thu 2/2/17
31	2	TEST FORM PREPARATION			103 days	Thu 1/5/17	Wed 5/31/17
32	2.1	ITEM DEVELOPMENT			55 days	Thu 1/5/17	Thu 3/23/17
33	2.1.1	Approve ITEMS for Test Creation	PDE	DRC-TD	55 days	Thu 1/5/17	Thu 3/23/17
34	2.2	ONLINE TEST FORM PREPARATION			20 days	Wed 5/3/17	Wed 5/31/17
35	2.2.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review	DRC-TD	DRC-PS	5 days	Wed 5/3/17	Tue 5/9/17
36	2.2.2	Approve ONLINE TEST FORMS Characteristics	DRC-PS	DRC-TD	3 days	Wed 5/10/17	Fri 5/12/17
37	2.2.3	Deliver TD ENVIRONMENT for Item Review	DRC-IS	DRC-TD	2 days	Mon 5/15/17	Tue 5/16/17
38	2.2.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT	DRC-TD	DRC-IS	10 days	Wed 5/17/17	Wed 5/31/17
39	3	eDIRECT			6 days	Tue 6/27/17	Thu 7/6/17
40	3.1	eDIRECT PROJECT ADMINISTRATION			1 day	Tue 6/27/17	Tue 6/27/17
41	3.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Tue 6/27/17	Tue 6/27/17
42	3.2	eDIRECT SECURITY_PERMISSIONS			5 days	Wed 6/28/17	Thu 7/6/17
43	3.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Wed 6/28/17	Thu 7/6/17
44	4	MANUALS			1 day	Mon 7/10/17	Mon 7/10/17
45	4.1	TECHNOLOGY USER GUIDE			1 day	Mon 7/10/17	Mon 7/10/17
46	4.1.1	Deliver Finished TECHNOLOGY USER GUIDE	DRC-EPM	LEA	1 day	Mon 7/10/17	Mon 7/10/17
47	4.2	TEST SETUP USER GUIDE			1 day	Mon 7/10/17	Mon 7/10/17
48	4.2.1	Deliver Finished TEST SETUP USER GUIDE	DRC-EPM	LEA	1 day	Mon 7/10/17	Mon 7/10/17
49	5	ONLINE TESTING PREPARATION			328 days	Tue 4/11/17	Fri 7/27/18
50	5.1	eDIRECT TEST SETUP			268 days	Fri 7/7/17	Fri 7/27/18
51	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 7/7/17	Fri 7/7/17
52	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		267 days	Mon 7/10/17	Fri 7/27/18
53	5.2	TEST ENGINE			328 days	Tue 4/11/17	Fri 7/27/18
54	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Tue 4/11/17	Tue 4/11/17

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55	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Fri 7/7/17	Fri 7/7/17
56	5.2.3	Access TEST ENGINE in Production	LEA		267 days	Mon 7/10/17	Fri 7/27/18
57	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			45 days	Thu 6/1/17	Fri 8/4/17
58	5.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT			15 days	Thu 6/1/17	Wed 6/21/17
59	5.3.1.1	Initiate ONLINE TEST FORMS Production Pull	DRC-IS	DRC-IS	1 day	Thu 6/1/17	Thu 6/1/17
60	5.3.1.2	Pull ONLINE TEST FORMS into Development Environment with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS	4 days	Fri 6/2/17	Wed 6/7/17
61	5.3.1.3	Review ONLINE TEST FORMS in Development Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS		6 days	Thu 6/8/17	Thu 6/15/17
62	5.3.1.4	Approve ONLINE TEST FORMS in Development Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS	DRC-IS	4 days	Fri 6/16/17	Wed 6/21/17
63	5.3.2	ONLINE TEST FORMS_MIGRATE to STAGING			15 days	Thu 6/22/17	Fri 7/14/17
64	5.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS	5 days	Thu 6/22/17	Wed 6/28/17
65	5.3.2.2	Review ONLINE TEST FORMS in Staging Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS		6 days	Thu 6/29/17	Mon 7/10/17
66	5.3.2.3	Approve ONLINE TEST FORMS in Staging Environment with Computer Adaptive Tool	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 7/11/17	Fri 7/14/17
67	5.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION			15 days	Mon 7/17/17	Fri 8/4/17
68	5.3.3.1	Migrate Final ONLINE TEST FORMS into Production with Computer Adaptive Tool	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	5 days	Mon 7/17/17	Fri 7/21/17
69	5.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production with Computer Adaptive Tool	DRC-SQA, DRC-IS, DRC-TD		6 days	Mon 7/24/17	Mon 7/31/17
70	5.3.3.3	Approve Final ONLINE TEST FORMS in Production with Computer Adaptive Tool	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 8/1/17	Fri 8/4/17
71	5.4	ONLINE TESTING SUPPORT MATERIAL			310 days	Fri 5/5/17	Fri 7/27/18
72	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			292 days	Thu 6/1/17	Fri 7/27/18
73	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	20 days	Thu 6/1/17	Wed 6/28/17
74	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Thu 6/29/17	Fri 7/7/17
75	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		267 days	Mon 7/10/17	Fri 7/27/18
76	5.4.2	ONLINE TUTORIALS			310 days	Fri 5/5/17	Fri 7/27/18
77	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD, Wolfgang	DRC-TD, DRC-EPM	30 days	Fri 5/5/17	Fri 6/16/17

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78	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD, DRC-EPM	DRC-IS	10 days	Mon 6/19/17	Fri 6/30/17
79	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 7/5/17	Fri 7/7/17
80	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		267 days	Mon 7/10/17	Fri 7/27/18
81	6	ONLINE TESTING INTERACTIVE REPORTING			119 days	Tue 5/9/17	Thu 10/26/17
82	6.1	INTERACTIVE REPORTING SETUP			98 days	Thu 6/8/17	Thu 10/26/17
83	6.1.1	LOADABLE LEARNING PROGRESSIONS			20 days	Mon 7/17/17	Fri 8/11/17
84	6.1.1.1	Deliver LOADABLE LEARNING PROGRESSIONS	DRC-TD	DRC-IS	20 days	Mon 7/17/17	Fri 8/11/17
85	6.1.2	DRIVER TABLES			13 days	Mon 6/26/17	Fri 7/14/17
86	6.1.2.1	Deliver DRIVER TABLE	DRC-TD	DRC-IS	13 days	Mon 6/26/17	Fri 7/14/17
87	6.1.3	MAP CONFIGURATIONS			12 days	Thu 6/8/17	Fri 6/23/17
88	6.1.3.1	Deliver MAP CONFIGURATION LOGIT CUTS	DRC-PS	DRC-IS	12 days	Thu 6/8/17	Fri 6/23/17
89	6.1.4	SIMULATION STUDENT OUTPUT			76 days	Wed 7/12/17	Thu 10/26/17
90	6.1.4.1	Complete SIMULATION STUDENT OUTPUT Setup	DRC-IS	DRC-PS	75 days	Wed 7/12/17	Wed 10/25/17
91	6.1.4.2	Deliver SIMULATION STUDENT OUTPUT FILE	DRC-PS	DRC-TD,DRC-IS	1 day	Thu 10/26/17	Thu 10/26/17
92	6.2	CDT TRAINING DEMO SIMULATIONS			72 days	Tue 5/9/17	Mon 8/21/17
93	6.2.1	Deliver SIMULATION DATA CRITERIA	DRC-TD	DRC-PS	5 days	Tue 5/9/17	Mon 5/15/17
94	6.2.2	Develop SIMULATION DATA FILE	DRC-PS	DRC-TD	25 days	Tue 5/16/17	Tue 6/20/17
95	6.2.3	Approve SIMULATION DATA	DRC-TD		6 days	Wed 6/21/17	Wed 6/28/17
96	6.2.4	Deliver SIMULATION DATA to testing environment	DRC-IS	DRC-TD	5 days	Thu 6/29/17	Fri 7/7/17
97	6.2.5	Review SIMULATION DATA in testing environment	DRC-TD	DRC-IS	15 days	Mon 7/10/17	Fri 7/28/17
98	6.2.6	Deliver SIMULATION DATA to production	DRC-IS	DRC-TD	5 days	Mon 7/31/17	Fri 8/4/17
99	6.2.7	Review SIMULATION DATA in production	DRC-TD	LEA	10 days	Mon 8/7/17	Fri 8/18/17
100	6.2.8	Access SIMULATION DATA in production	LEA		1 day	Mon 8/21/17	Mon 8/21/17
101	6.3	INTERACTIVE REPORTING MAPS RELEASE			6 days	Mon 8/14/17	Mon 8/21/17
102	6.3.1	Deliver INTERACTIVE MAPS in Production	DRC-IS	DRC-TD	5 days	Mon 8/14/17	Fri 8/18/17
103	6.3.2	Approve INTERACTIVE MAPS in Production	DRC-TD	DRC-IS	1 day	Mon 8/21/17	Mon 8/21/17
104	7	ONLINE TEST IN PROGRESS			237 days	Mon 8/21/17	Fri 7/27/18
105	7.1	ONLINE TEST IN PROGRESS	LEA		237 days	Mon 8/21/17	Fri 7/27/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
106	8	DATA FILE ITEM ANALYSIS			231 days	Mon 8/28/17	Thu 7/26/18
107	8.1	Deliver DAILY DATA FILE for ITEM ANALYSIS	DRC-IS	DRC-PS	231 days	Mon 8/28/17	Thu 7/26/18
108	8.2	Conduct ITEM ANALYSIS	DRC-PS	DRC-TD	229 days	Wed 8/30/17	Thu 7/26/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	KEYSTONE EXAMS: SUMMER 2016			286 days	Mon 1/4/16	Thu 2/16/17
2	1	PROJECT ADMINISTRATION			279 days	Mon 1/4/16	Tue 2/7/17
3	1.1	SCOPE			2 days	Mon 1/4/16	Tue 1/5/16
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Mon 1/4/16	Mon 1/4/16
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Tue 1/5/16	Tue 1/5/16
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Tue 1/5/16	Tue 1/5/16
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Tue 1/5/16	Tue 1/5/16
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Tue 1/5/16	Tue 1/5/16
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Mon 1/4/16	Mon 1/4/16
10	1.2	MEETINGS			278 days	Tue 1/5/16	Tue 2/7/17
11	1.2.1	INTERNAL MEETINGS			211 days	Tue 1/5/16	Mon 10/31/16
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Tue 1/5/16	Wed 1/13/16
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Mon 10/31/16	Mon 10/31/16
14	1.2.2	CLIENT MEETINGS			187 days	Thu 5/12/16	Tue 2/7/17
15	1.2.2.1	TEST ADMINISTRATOR CERTIFICATION TRAINING			60 days	Thu 5/12/16	Fri 8/5/16
16	1.2.2.1.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	60 days	Thu 5/12/16	Fri 8/5/16
17	1.2.2.2	CORRECTIONS WEBEX TRAINING			43 days	Wed 12/7/16	Tue 2/7/17
18	1.2.2.2.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Wed 12/7/16	Wed 12/7/16
19	1.2.2.2.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Thu 12/8/16	Fri 2/3/17
20	1.2.2.2.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Mon 2/6/17	Tue 2/7/17
21	2	TEST FORM PREPARATION			144 days	Thu 1/14/16	Fri 8/5/16
22	2.1	PAPER TEST FORM PREPARATION [Algebra I]			12 days	Thu 1/14/16	Fri 1/29/16
23	2.1.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	2 days	Thu 1/14/16	Fri 1/15/16
24	2.1.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	2 days	Mon 1/18/16	Tue 1/19/16
25	2.1.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	2 days	Wed 1/20/16	Thu 1/21/16
26	2.1.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	1 day	Fri 1/22/16	Fri 1/22/16
27	2.1.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
28	2.2	PAPER TEST FORM PREPARATION [Literature]			12 days	Thu 1/14/16	Fri 1/29/16
29	2.2.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	2 days	Thu 1/14/16	Fri 1/15/16

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30	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	2 days	Mon 1/18/16	Tue 1/19/16
31	2.2.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	2 days	Wed 1/20/16	Thu 1/21/16
32	2.2.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	1 day	Fri 1/22/16	Fri 1/22/16
33	2.2.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
34	2.3	PAPER TEST FORM PREPARATION [Biology]			12 days	Thu 1/14/16	Fri 1/29/16
35	2.3.1	Develop TEST DESIGNS [Biology]	DRC-TD	PDE	2 days	Thu 1/14/16	Fri 1/15/16
36	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	2 days	Mon 1/18/16	Tue 1/19/16
37	2.3.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	2 days	Wed 1/20/16	Thu 1/21/16
38	2.3.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	1 day	Fri 1/22/16	Fri 1/22/16
39	2.3.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
40	2.4	ONLINE TEST FORM PREPARATION [Algebra I]			85 days	Mon 1/18/16	Mon 5/16/16
41	2.4.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Mon 1/18/16	Fri 1/22/16
42	2.4.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
43	2.4.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
44	2.4.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	30 days	Tue 4/5/16	Mon 5/16/16
45	2.5	ONLINE TEST FORM PREPARATION [Literature]			85 days	Mon 1/18/16	Mon 5/16/16
46	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Mon 1/18/16	Fri 1/22/16
47	2.5.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
48	2.5.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
49	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	30 days	Tue 4/5/16	Mon 5/16/16
50	2.6	ONLINE TEST FORM PREPARATION [Biology]			142 days	Mon 1/18/16	Fri 8/5/16
51	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Mon 1/18/16	Fri 1/22/16
52	2.6.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Mon 1/25/16	Fri 1/29/16
53	2.6.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
54	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	30 days	Tue 4/5/16	Mon 5/16/16
55	2.6.5	eDIRECT			114 days	Fri 2/26/16	Fri 8/5/16
56	2.6.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Fri 2/26/16	Fri 2/26/16
57	2.6.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Fri 2/26/16	Fri 2/26/16
58	2.6.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Mon 2/29/16	Fri 3/4/16

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59	2.6.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Mon 2/29/16	Fri 3/4/16
60	2.6.5.3	eDIRECT MATERIALS RECEIPT NOTICE			35 days	Fri 6/17/16	Fri 8/5/16
61	2.6.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Fri 6/17/16	Fri 6/17/16
62	2.6.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16
63	2.6.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			35 days	Fri 6/17/16	Fri 8/5/16
64	2.6.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Fri 6/17/16	Fri 6/17/16
65	2.6.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16
66	2.6.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			25 days	Thu 6/30/16	Thu 8/4/16
67	2.6.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Thu 6/30/16	Thu 6/30/16
68	2.6.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		24 days	Fri 7/1/16	Thu 8/4/16
69	2.6.5.6	eDIRECT ENROLLMENT SYSTEM			19 days	Tue 3/15/16	Fri 4/8/16
70	2.6.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Tue 3/15/16	Mon 3/21/16
71	2.6.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Tue 3/22/16	Tue 3/22/16
72	2.6.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Mon 4/4/16	Fri 4/8/16
73	3	STANDARD PRINT MATERIALS			108 days	Mon 2/1/16	Fri 7/1/16
74	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			108 days	Mon 2/1/16	Fri 7/1/16
75	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
76	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	8 days	Tue 3/8/16	Thu 3/17/16
77	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 3/18/16	Wed 3/23/16
78	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	8 days	Thu 3/24/16	Mon 4/4/16
79	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	62 days	Tue 4/5/16	Thu 6/30/16
80	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
81	3.2	TEST AND ANSWER BOOKLETS [Literature]			108 days	Mon 2/1/16	Fri 7/1/16
82	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
83	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	8 days	Tue 3/8/16	Thu 3/17/16
84	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Fri 3/18/16	Wed 3/23/16
85	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	8 days	Thu 3/24/16	Mon 4/4/16
86	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	62 days	Tue 4/5/16	Thu 6/30/16
87	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
88	3.3	TEST AND ANSWER BOOKLETS [Biology]			108 days	Mon 2/1/16	Fri 7/1/16
89	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	25 days	Mon 2/1/16	Mon 3/7/16
90	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	8 days	Tue 3/8/16	Thu 3/17/16
91	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Fri 3/18/16	Wed 3/23/16
92	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	8 days	Thu 3/24/16	Mon 4/4/16
93	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	62 days	Tue 4/5/16	Thu 6/30/16
94	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
95	3.4	ACCOMMODATED MATERIALS			108 days	Mon 2/1/16	Fri 7/1/16
96	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			63 days	Tue 4/5/16	Fri 7/1/16
97	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Tue 4/5/16	Wed 4/20/16
98	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Thu 4/21/16	Wed 4/27/16
99	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Thu 4/28/16	Tue 5/3/16
100	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Wed 5/4/16	Tue 5/10/16
101	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	36 days	Wed 5/11/16	Thu 6/30/16
102	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
103	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			63 days	Tue 4/5/16	Fri 7/1/16
104	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Tue 4/5/16	Wed 4/20/16
105	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Thu 4/21/16	Wed 4/27/16
106	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Thu 4/28/16	Tue 5/3/16
107	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Wed 5/4/16	Tue 5/10/16
108	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	36 days	Wed 5/11/16	Thu 6/30/16
109	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
110	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			63 days	Tue 4/5/16	Fri 7/1/16
111	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Tue 4/5/16	Wed 4/20/16
112	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Thu 4/21/16	Wed 4/27/16
113	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Thu 4/28/16	Tue 5/3/16
114	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Wed 5/4/16	Tue 5/10/16
115	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	36 days	Wed 5/11/16	Thu 6/30/16
116	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16

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117	3.4.4	BRaille BOOKLETS [Algebra I]			63 days	Tue 4/5/16	Fri 7/1/16
118	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Tue 4/5/16	Tue 4/5/16
119	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	56 days	Wed 4/6/16	Thu 6/23/16
120	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Fri 6/24/16	Thu 6/30/16
121	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
122	3.4.5	BRaille BOOKLETS [Literature]			63 days	Tue 4/5/16	Fri 7/1/16
123	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Tue 4/5/16	Tue 4/5/16
124	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	56 days	Wed 4/6/16	Thu 6/23/16
125	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Fri 6/24/16	Thu 6/30/16
126	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
127	3.4.6	BRaille BOOKLETS [Biology]			63 days	Tue 4/5/16	Fri 7/1/16
128	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Tue 4/5/16	Tue 4/5/16
129	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	56 days	Wed 4/6/16	Thu 6/23/16
130	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Fri 6/24/16	Thu 6/30/16
131	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
132	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			108 days	Mon 2/1/16	Fri 7/1/16
133	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 2/1/16	Mon 4/4/16
134	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	7 days	Thu 4/7/16	Fri 4/15/16
135	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Mon 4/18/16	Fri 4/22/16
136	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Mon 4/25/16	Thu 4/28/16
137	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Fri 4/29/16	Thu 5/5/16
138	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	39 days	Fri 5/6/16	Thu 6/30/16
139	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
140	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			108 days	Mon 2/1/16	Fri 7/1/16
141	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 2/1/16	Mon 4/4/16
142	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	7 days	Thu 4/7/16	Fri 4/15/16
143	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Mon 4/18/16	Fri 4/22/16
144	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Mon 4/25/16	Thu 4/28/16
145	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Fri 4/29/16	Thu 5/5/16

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146	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	39 days	Fri 5/6/16	Thu 6/30/16
147	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
148	3.5	MANUALS			99 days	Mon 2/1/16	Mon 6/20/16
149	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			53 days	Tue 4/5/16	Fri 6/17/16
150	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	15 days	Tue 4/5/16	Mon 4/25/16
151	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Tue 4/26/16	Mon 5/2/16
152	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Tue 5/3/16	Mon 5/9/16
153	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	27 days	Tue 5/10/16	Thu 6/16/16
154	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
155	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]			53 days	Tue 4/5/16	Fri 6/17/16
156	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Tue 4/5/16	Mon 4/25/16
157	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 4/26/16	Fri 4/29/16
158	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 5/2/16	Fri 5/6/16
159	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-PPS	28 days	Mon 5/9/16	Thu 6/16/16
160	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
161	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]			53 days	Tue 4/5/16	Fri 6/17/16
162	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Literature]	DRC-TD	PDE	15 days	Tue 4/5/16	Mon 4/25/16
163	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Tue 4/26/16	Fri 4/29/16
164	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Mon 5/2/16	Fri 5/6/16
165	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-PPS	28 days	Mon 5/9/16	Thu 6/16/16
166	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
167	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]			53 days	Tue 4/5/16	Fri 6/17/16
168	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Biology]	DRC-TD	PDE	15 days	Tue 4/5/16	Mon 4/25/16
169	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Tue 4/26/16	Fri 4/29/16
170	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Mon 5/2/16	Fri 5/6/16
171	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]	DRC-PPS	DRC-PPS	28 days	Mon 5/9/16	Thu 6/16/16
172	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
173	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]			98 days	Mon 2/1/16	Fri 6/17/16
174	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 2/1/16	Mon 4/4/16

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175	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Algebra I]	DRC-TD	PDE	5 days	Fri 5/6/16	Thu 5/12/16
176	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 5/13/16	Wed 5/18/16
177	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Thu 5/19/16	Wed 5/25/16
178	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-PPS	15 days	Thu 5/26/16	Thu 6/16/16
179	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
180	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]			98 days	Mon 2/1/16	Fri 6/17/16
181	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 2/1/16	Mon 4/4/16
182	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Biology]	DRC-TD	PDE	5 days	Fri 5/6/16	Thu 5/12/16
183	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Fri 5/13/16	Wed 5/18/16
184	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Thu 5/19/16	Wed 5/25/16
185	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-PPS	15 days	Thu 5/26/16	Thu 6/16/16
186	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
187	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]			43 days	Tue 4/19/16	Fri 6/17/16
188	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Algebra I]	DRC-TD	PDE	9 days	Tue 4/19/16	Fri 4/29/16
189	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 5/2/16	Thu 5/5/16
190	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 5/6/16	Thu 5/12/16
191	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-PPS	24 days	Fri 5/13/16	Thu 6/16/16
192	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
193	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature]			43 days	Tue 4/19/16	Fri 6/17/16
194	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Literature ONLINE DFA]	DRC-TD	PDE	9 days	Tue 4/19/16	Fri 4/29/16
195	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Mon 5/2/16	Thu 5/5/16
196	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Fri 5/6/16	Thu 5/12/16
197	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	24 days	Fri 5/13/16	Thu 6/16/16
198	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
199	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology]			43 days	Tue 4/19/16	Fri 6/17/16
200	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	9 days	Tue 4/19/16	Fri 4/29/16
201	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Mon 5/2/16	Thu 5/5/16
202	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Fri 5/6/16	Thu 5/12/16
203	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	24 days	Fri 5/13/16	Thu 6/16/16

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204	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
205	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 5/23/16	Mon 6/20/16
206	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 5/23/16	Mon 6/20/16
207	3.6	ANCILLARY MATERIALS			73 days	Tue 3/8/16	Fri 6/17/16
208	3.6.1	REFERENCE SHEETS [Algebra I]			73 days	Tue 3/8/16	Fri 6/17/16
209	3.6.1.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	20 days	Tue 3/8/16	Mon 4/4/16
210	3.6.1.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 4/5/16	Fri 4/8/16
211	3.6.1.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 4/11/16	Fri 4/15/16
212	3.6.1.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	43 days	Mon 4/18/16	Thu 6/16/16
213	3.6.1.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
214	3.6.2	REFERENCE SHEETS [Algebra I Spanish]			39 days	Mon 4/25/16	Fri 6/17/16
215	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Mon 4/25/16	Fri 5/6/16
216	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Mon 5/9/16	Thu 5/12/16
217	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Fri 5/13/16	Thu 5/19/16
218	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	19 days	Fri 5/20/16	Thu 6/16/16
219	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 6/17/16	Fri 6/17/16
220	3.7	ADMINISTRATIVE MATERIALS			38 days	Tue 5/10/16	Fri 7/1/16
221	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			10 days	Mon 6/20/16	Fri 7/1/16
222	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	3 days	Mon 6/20/16	Wed 6/22/16
223	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	6 days	Thu 6/23/16	Thu 6/30/16
224	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
225	3.7.2	LABELS [DRC Return Shipping Labels]			37 days	Wed 5/11/16	Fri 7/1/16
226	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Wed 5/11/16	Wed 5/18/16
227	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Thu 5/19/16	Thu 6/30/16
228	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Fri 7/1/16	Fri 7/1/16
229	3.7.3	UPS RS LABELS			38 days	Tue 5/10/16	Fri 7/1/16
230	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Tue 5/10/16	Mon 5/23/16
231	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Tue 5/24/16	Fri 6/10/16
232	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Fri 7/1/16	Fri 7/1/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
233	4	TEST MATERIALS PACK AND SHIP			28 days	Tue 6/7/16	Fri 7/15/16
234	4.1	PACK AND SHIP SHIPMENT I			18 days	Tue 6/7/16	Thu 6/30/16
235	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Tue 6/7/16	Thu 6/9/16
236	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Fri 6/10/16	Fri 6/10/16
237	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Mon 6/20/16	Mon 6/20/16
238	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	6 days	Mon 6/20/16	Mon 6/27/16
239	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	6 days	Mon 6/20/16	Mon 6/27/16
240	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Tue 6/28/16	Thu 6/30/16
241	4.2	PACK AND SHIP SHIPMENT II			18 days	Tue 6/21/16	Fri 7/15/16
242	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	3 days	Tue 6/21/16	Thu 6/23/16
243	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Fri 6/24/16	Fri 6/24/16
244	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Tue 7/5/16	Tue 7/5/16
245	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	6 days	Tue 7/5/16	Tue 7/12/16
246	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	6 days	Tue 7/5/16	Tue 7/12/16
247	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Wed 7/13/16	Fri 7/15/16
248	5	ONLINE TESTING PREPARATION			137 days	Mon 1/25/16	Fri 8/5/16
249	5.1	eDIRECT TEST SETUP			35 days	Fri 6/17/16	Fri 8/5/16
250	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 6/17/16	Fri 6/17/16
251	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16
252	5.2	TEST ENGINE			95 days	Thu 3/24/16	Fri 8/5/16
253	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Thu 3/24/16	Thu 3/24/16
254	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Fri 6/17/16	Fri 6/17/16
255	5.2.3	Access TEST ENGINE in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16
256	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			42 days	Tue 5/17/16	Fri 7/15/16
257	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			42 days	Tue 5/17/16	Fri 7/15/16
258	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			14 days	Tue 5/17/16	Mon 6/6/16
259	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Tue 5/17/16	Tue 5/17/16
260	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 5/18/16	Mon 5/23/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
261	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		5 days	Tue 5/24/16	Tue 5/31/16
262	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 6/1/16	Mon 6/6/16
263	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Tue 6/7/16	Fri 6/24/16
264	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 6/7/16	Fri 6/10/16
265	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Mon 6/13/16	Mon 6/20/16
266	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 6/21/16	Fri 6/24/16
267	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Mon 6/27/16	Fri 7/15/16
268	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 6/27/16	Thu 6/30/16
269	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 7/1/16	Mon 7/11/16
270	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/12/16	Fri 7/15/16
271	5.3.2	ONLINE TEST FORMS PULL [Literature]			42 days	Tue 5/17/16	Fri 7/15/16
272	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			14 days	Tue 5/17/16	Mon 6/6/16
273	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Tue 5/17/16	Tue 5/17/16
274	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 5/18/16	Mon 5/23/16
275	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		5 days	Tue 5/24/16	Tue 5/31/16
276	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 6/1/16	Mon 6/6/16
277	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Tue 6/7/16	Fri 6/24/16
278	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 6/7/16	Fri 6/10/16
279	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Mon 6/13/16	Mon 6/20/16
280	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 6/21/16	Fri 6/24/16
281	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Mon 6/27/16	Fri 7/15/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
282	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 6/27/16	Thu 6/30/16
283	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 7/1/16	Mon 7/11/16
284	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/12/16	Fri 7/15/16
285	5.3.3	ONLINE TEST FORMS PULL [Biology]			42 days	Tue 5/17/16	Fri 7/15/16
286	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			14 days	Tue 5/17/16	Mon 6/6/16
287	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Tue 5/17/16	Tue 5/17/16
288	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 5/18/16	Mon 5/23/16
289	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		5 days	Tue 5/24/16	Tue 5/31/16
290	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 6/1/16	Mon 6/6/16
291	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Tue 6/7/16	Fri 6/24/16
292	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 6/7/16	Fri 6/10/16
293	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Mon 6/13/16	Mon 6/20/16
294	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 6/21/16	Fri 6/24/16
295	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Mon 6/27/16	Fri 7/15/16
296	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 6/27/16	Thu 6/30/16
297	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 7/1/16	Mon 7/11/16
298	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/12/16	Fri 7/15/16
299	5.4	ONLINE TESTING SUPPORT MATERIAL			137 days	Mon 1/25/16	Fri 8/5/16
300	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			129 days	Thu 2/4/16	Fri 8/5/16
301	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Thu 2/4/16	Fri 6/10/16
302	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Mon 6/13/16	Fri 6/17/16
303	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
304	5.4.2	ONLINE TUTORIALS			137 days	Mon 1/25/16	Fri 8/5/16
305	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD,Victory		90 days	Mon 1/25/16	Tue 5/31/16
306	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Wed 6/1/16	Tue 6/14/16
307	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 6/15/16	Fri 6/17/16
308	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		34 days	Mon 6/20/16	Fri 8/5/16
309	6	TEST ADMINISTRATION			5 days	Mon 8/1/16	Fri 8/5/16
310	6.1	PAPER TEST IN PROGRESS	LEA		5 days	Mon 8/1/16	Fri 8/5/16
311	6.2	ONLINE TEST IN PROGRESS	LEA		5 days	Mon 8/1/16	Fri 8/5/16
312	7	MATERIALS RETURN AND DOCUMENT PROCESSING			130 days	Fri 6/10/16	Wed 12/14/16
313	7.1	IMAGING			21 days	Fri 6/10/16	Mon 7/11/16
314	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Fri 6/10/16	Fri 6/10/16
315	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Mon 6/13/16	Mon 7/11/16
316	7.2	SECURE MATERIAL			60 days	Fri 8/5/16	Fri 10/28/16
317	7.2.1	SECURE MATERIAL [Algebra I]			16 days	Fri 8/5/16	Fri 8/26/16
318	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	9 days	Fri 8/5/16	Wed 8/17/16
319	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	9 days	Wed 8/10/16	Mon 8/22/16
320	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	9 days	Thu 8/11/16	Tue 8/23/16
321	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	9 days	Fri 8/12/16	Wed 8/24/16
322	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	9 days	Tue 8/16/16	Fri 8/26/16
323	7.2.2	SECURE MATERIAL [Literature]			16 days	Fri 8/5/16	Fri 8/26/16
324	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	9 days	Fri 8/5/16	Wed 8/17/16
325	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	9 days	Wed 8/10/16	Mon 8/22/16
326	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	9 days	Thu 8/11/16	Tue 8/23/16
327	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	9 days	Fri 8/12/16	Wed 8/24/16
328	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	9 days	Tue 8/16/16	Fri 8/26/16
329	7.2.3	SCORABLE MATERIAL [Biology]			16 days	Fri 8/5/16	Fri 8/26/16
330	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	9 days	Fri 8/5/16	Wed 8/17/16
331	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	9 days	Wed 8/10/16	Mon 8/22/16
332	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	9 days	Thu 8/11/16	Tue 8/23/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
333	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	9 days	Fri 8/12/16	Wed 8/24/16
334	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	9 days	Tue 8/16/16	Fri 8/26/16
335	7.2.4	STRAGGLERS			48 days	Tue 8/23/16	Fri 10/28/16
336	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Tue 8/23/16	Tue 8/23/16
337	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Thu 8/25/16	Thu 10/20/16
338	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Fri 10/21/16	Tue 10/25/16
339	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Wed 10/26/16	Fri 10/28/16
340	7.3	MISSING MATERIAL REPORT			90 days	Mon 8/8/16	Wed 12/14/16
341	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Mon 8/8/16	Mon 10/10/16
342	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Mon 8/8/16	Wed 12/14/16
343	8	POST TESTING DATA PROCESSING			228 days	Fri 3/25/16	Thu 2/16/17
344	8.1	DATA PROCESSING FILES			159 days	Fri 3/25/16	Mon 11/7/16
345	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 8/12/16	Fri 8/19/16
346	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 8/12/16	Fri 8/19/16
347	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 8/12/16	Fri 8/19/16
348	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 8/12/16	Fri 8/19/16
349	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 8/12/16	Fri 8/19/16
350	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 8/12/16	Fri 8/19/16
351	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Mon 8/29/16	Wed 8/31/16
352	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
353	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
354	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
355	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Mon 8/29/16	Wed 8/31/16
356	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK [Algebra I]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
357	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK [Literature]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
358	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK [Biology]	DRC-IS	DRC-PS	3 days	Mon 8/29/16	Wed 8/31/16
359	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]			5 days	Thu 9/15/16	Wed 9/21/16
360	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Thu 9/15/16	Wed 9/21/16
361	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Thu 9/15/16	Wed 9/21/16

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362	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Thu 9/15/16	Wed 9/21/16
363	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Thu 9/15/16	Wed 9/21/16
364	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Thu 9/15/16	Wed 9/21/16
365	8.1.9	PDE FINAL STUDENT FILE			121 days	Fri 3/25/16	Wed 9/14/16
366	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Fri 3/25/16	Fri 3/25/16
367	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Thu 9/8/16	Thu 9/8/16
368	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Fri 9/9/16	Wed 9/14/16
369	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Thu 9/15/16	Thu 9/15/16
370	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Thu 9/15/16	Thu 9/15/16
371	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Thu 9/15/16	Wed 10/5/16
372	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Thu 9/15/16	Wed 9/28/16
373	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Thu 9/29/16	Wed 10/5/16
374	8.1.12	ANCHOR SUMMARY FILES			15 days	Thu 9/15/16	Wed 10/5/16
375	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Thu 9/15/16	Wed 9/28/16
376	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Thu 9/29/16	Wed 10/5/16
377	8.1.13	PIMS PRECODE AND REPORTING FILES			12 days	Thu 5/19/16	Mon 6/6/16
378	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Thu 5/19/16	Mon 6/6/16
379	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Mon 10/31/16	Mon 11/7/16
380	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Mon 10/31/16	Mon 11/7/16
381	8.2	DATA PROCESSING SYSTEMS			6 days	Thu 2/9/17	Thu 2/16/17
382	8.2.1	CORRECTIONS SYSTEM			6 days	Thu 2/9/17	Thu 2/16/17
383	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Thu 2/9/17	Thu 2/9/17
384	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Fri 2/10/17	Thu 2/16/17
385	9	DATA ANALYSIS			65 days	Wed 8/3/16	Wed 11/2/16
386	9.1	KEY VERIFICATION			4 days	Mon 8/22/16	Thu 8/25/16
387	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Mon 8/22/16	Thu 8/25/16
388	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Mon 8/22/16	Tue 8/23/16
389	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Wed 8/24/16	Thu 8/25/16
390	9.1.2	KEY VERIFICATION [Literature]			4 days	Mon 8/22/16	Thu 8/25/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
391	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Mon 8/22/16	Tue 8/23/16
392	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Wed 8/24/16	Thu 8/25/16
393	9.1.3	KEY VERIFICATION [Biology]			4 days	Mon 8/22/16	Thu 8/25/16
394	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Mon 8/22/16	Tue 8/23/16
395	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Wed 8/24/16	Thu 8/25/16
396	9.2	EQUATING			2 days	Wed 8/3/16	Thu 8/4/16
397	9.2.1	EQUATING			2 days	Wed 8/3/16	Thu 8/4/16
398	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Wed 8/3/16	Thu 8/4/16
399	9.3	ITEM ANALYSIS			4 days	Thu 9/22/16	Tue 9/27/16
400	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Thu 9/22/16	Tue 9/27/16
401	9.4	DATA ANALYSIS			30 days	Thu 9/22/16	Wed 11/2/16
402	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Thu 9/22/16	Wed 10/19/16
403	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Thu 9/22/16	Wed 10/19/16
404	9.4.2	DATA FORENSICS SUMMARY			30 days	Thu 9/22/16	Wed 11/2/16
405	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Thu 9/22/16	Wed 11/2/16
406	10	REPORTING			97 days	Mon 8/8/16	Fri 12/23/16
407	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Thu 9/8/16	Mon 10/17/16
408	10.1.1	ONLINE PARENT LETTERS			6 days	Thu 9/8/16	Thu 9/15/16
409	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Thu 9/8/16	Thu 9/8/16
410	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	4 days	Fri 9/9/16	Wed 9/14/16
411	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Thu 9/15/16	Thu 9/15/16
412	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Thu 9/15/16	Thu 9/15/16
413	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 9/15/16	Thu 9/15/16
414	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 9/15/16	Thu 9/15/16
415	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 9/15/16	Thu 9/15/16
416	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Thu 9/29/16	Mon 10/17/16
417	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Thu 9/29/16	Fri 10/7/16
418	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Mon 10/10/16	Thu 10/13/16
419	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Fri 10/14/16	Mon 10/17/16

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420	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Thu 9/15/16	Thu 10/13/16
421	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Thu 9/15/16	Tue 10/4/16
422	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Wed 10/5/16	Tue 10/11/16
423	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Wed 10/12/16	Thu 10/13/16
424	10.2	PRINTED REPORT PRODUCTION			91 days	Mon 8/8/16	Thu 12/15/16
425	10.2.1	INDIVIDUAL STUDENT REPORT			54 days	Mon 8/8/16	Fri 10/21/16
426	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Mon 8/8/16	Fri 8/19/16
427	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Mon 8/22/16	Fri 9/2/16
428	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Thu 9/15/16	Mon 9/26/16
429	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Tue 9/27/16	Thu 10/20/16
430	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Wed 9/28/16	Fri 10/21/16
431	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Mon 12/12/16	Thu 12/15/16
432	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Mon 12/12/16	Mon 12/12/16
433	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Tue 12/13/16	Wed 12/14/16
434	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Thu 12/15/16	Thu 12/15/16
435	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Tue 9/27/16	Tue 10/11/16
436	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Tue 9/27/16	Tue 9/27/16
437	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Wed 9/28/16	Mon 10/3/16
438	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Tue 10/4/16	Tue 10/11/16
439	10.3	REPORTS PACK AND SHIP			58 days	Mon 10/3/16	Fri 12/23/16
440	10.3.1	INDIVIDUAL STUDENT REPORT			20 days	Mon 10/3/16	Fri 10/28/16
441	10.3.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Mon 10/3/16	Mon 10/3/16
442	10.3.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Tue 10/4/16	Mon 10/24/16
443	10.3.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Tue 10/25/16	Tue 10/25/16
444	10.3.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Wed 10/26/16	Fri 10/28/16
445	10.3.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Fri 12/16/16	Fri 12/23/16
446	10.3.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Fri 12/16/16	Mon 12/19/16
447	10.3.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Tue 12/20/16	Tue 12/20/16
448	10.3.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Wed 12/21/16	Fri 12/23/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	KEYSTONE EXAMS: WINTER 2016-2017			361 days	Mon 1/4/16	Mon 6/5/17
2	1	PROJECT ADMINISTRATION			326 days	Mon 1/4/16	Fri 4/14/17
3	1.1	SCOPE			24 days	Mon 1/4/16	Thu 2/4/16
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Mon 1/4/16	Mon 1/4/16
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Wed 2/3/16	Wed 2/3/16
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Thu 2/4/16	Thu 2/4/16
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Thu 2/4/16	Thu 2/4/16
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Thu 2/4/16	Thu 2/4/16
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Mon 1/4/16	Mon 1/4/16
10	1.2	MEETINGS			303 days	Thu 2/4/16	Fri 4/14/17
11	1.2.1	INTERNAL MEETINGS			303 days	Thu 2/4/16	Fri 4/14/17
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Thu 2/4/16	Fri 2/12/16
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Fri 4/14/17	Fri 4/14/17
14	1.2.2	CLIENT MEETINGS			95 days	Thu 9/22/16	Tue 2/7/17
15	1.2.2.1	ADMINISTRATION TRAINING			31 days	Fri 9/30/16	Fri 11/11/16
16	1.2.2.1.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 9/30/16	Fri 9/30/16
17	1.2.2.1.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Mon 10/3/16	Fri 11/4/16
18	1.2.2.1.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 11/7/16	Fri 11/11/16
19	1.2.2.2	TEST ADMINISTRATOR CERTIFICATION TRAINING			87 days	Thu 9/22/16	Thu 1/26/17
20	1.2.2.2.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	87 days	Thu 9/22/16	Thu 1/26/17
21	1.2.2.3	CORRECTIONS WEBEX TRAINING			43 days	Wed 12/7/16	Tue 2/7/17
22	1.2.2.3.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Wed 12/7/16	Wed 12/7/16
23	1.2.2.3.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Thu 12/8/16	Fri 2/3/17
24	1.2.2.3.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Mon 2/6/17	Tue 2/7/17
25	2	TEST FORM PREPARATION			187 days	Wed 4/27/16	Mon 1/23/17
26	2.1	PAPER TEST FORM PREPARATION [Algebra I]			47 days	Wed 4/27/16	Fri 7/1/16
27	2.1.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	30 days	Wed 4/27/16	Wed 6/8/16
28	2.1.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
29	2.1.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
30	2.1.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	2 days	Thu 6/23/16	Fri 6/24/16
31	2.1.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Mon 6/27/16	Fri 7/1/16
32	2.2	PAPER TEST FORM PREPARATION [Literature]			47 days	Wed 4/27/16	Fri 7/1/16
33	2.2.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	30 days	Wed 4/27/16	Wed 6/8/16
34	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
35	2.2.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16
36	2.2.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	2 days	Thu 6/23/16	Fri 6/24/16
37	2.2.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Mon 6/27/16	Fri 7/1/16
38	2.3	PAPER TEST FORM PREPARATION [Biology]			47 days	Wed 4/27/16	Fri 7/1/16
39	2.3.1	Develop TEST DESIGNS [Biology]	DRC-TD	PDE	30 days	Wed 4/27/16	Wed 6/8/16
40	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
41	2.3.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16
42	2.3.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	2 days	Thu 6/23/16	Fri 6/24/16
43	2.3.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Mon 6/27/16	Fri 7/1/16
44	2.4	ONLINE TEST FORM PREPARATION [Algebra I]			66 days	Thu 6/9/16	Mon 9/12/16
45	2.4.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
46	2.4.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16
47	2.4.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Thu 6/23/16	Thu 7/28/16
48	2.4.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	30 days	Mon 8/1/16	Mon 9/12/16
49	2.5	ONLINE TEST FORM PREPARATION [Literature]			66 days	Thu 6/9/16	Mon 9/12/16
50	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
51	2.5.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16
52	2.5.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Thu 6/23/16	Thu 7/28/16
53	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	30 days	Mon 8/1/16	Mon 9/12/16
54	2.6	ONLINE TEST FORM PREPARATION [Biology]			157 days	Thu 6/9/16	Mon 1/23/17
55	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 6/9/16	Wed 6/15/16
56	2.6.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 6/16/16	Wed 6/22/16
57	2.6.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Thu 6/23/16	Thu 7/28/16
58	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	30 days	Mon 8/1/16	Mon 9/12/16

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59	2.6.5	eDIRECT			143 days	Wed 6/29/16	Mon 1/23/17
60	2.6.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Wed 6/29/16	Wed 6/29/16
61	2.6.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Wed 6/29/16	Wed 6/29/16
62	2.6.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Thu 6/30/16	Thu 7/7/16
63	2.6.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Thu 6/30/16	Thu 7/7/16
64	2.6.5.3	eDIRECT MATERIALS RECEIPT NOTICE			64 days	Thu 10/20/16	Mon 1/23/17
65	2.6.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Thu 10/20/16	Thu 10/20/16
66	2.6.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		63 days	Fri 10/21/16	Mon 1/23/17
67	2.6.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			64 days	Thu 10/20/16	Mon 1/23/17
68	2.6.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Thu 10/20/16	Thu 10/20/16
69	2.6.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		63 days	Fri 10/21/16	Mon 1/23/17
70	2.6.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			63 days	Thu 10/20/16	Fri 1/20/17
71	2.6.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Thu 10/20/16	Thu 10/20/16
72	2.6.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		56 days	Mon 10/31/16	Fri 1/20/17
73	2.6.5.6	eDIRECT ENROLLMENT SYSTEM			19 days	Wed 8/17/16	Tue 9/13/16
74	2.6.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Wed 8/17/16	Tue 8/23/16
75	2.6.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Wed 8/24/16	Wed 8/24/16
76	2.6.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Wed 9/7/16	Tue 9/13/16
77	3	STANDARD PRINT MATERIALS			261 days	Mon 5/2/16	Thu 5/11/17
78	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			85 days	Tue 7/5/16	Tue 11/1/16
79	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	5 days	Tue 7/5/16	Mon 7/11/16
80	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	5 days	Tue 7/12/16	Mon 7/18/16
81	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 7/19/16	Fri 7/22/16
82	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 7/25/16	Fri 7/29/16
83	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	65 days	Mon 8/1/16	Mon 10/31/16
84	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
85	3.2	TEST AND ANSWER BOOKLETS [Literature]			85 days	Tue 7/5/16	Tue 11/1/16
86	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	5 days	Tue 7/5/16	Mon 7/11/16
87	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	5 days	Tue 7/12/16	Mon 7/18/16

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88	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Tue 7/19/16	Fri 7/22/16
89	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Mon 7/25/16	Fri 7/29/16
90	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	65 days	Mon 8/1/16	Mon 10/31/16
91	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
92	3.3	TEST AND ANSWER BOOKLETS [Biology]			85 days	Tue 7/5/16	Tue 11/1/16
93	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	5 days	Tue 7/5/16	Mon 7/11/16
94	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	5 days	Tue 7/12/16	Mon 7/18/16
95	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Tue 7/19/16	Fri 7/22/16
96	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Mon 7/25/16	Fri 7/29/16
97	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	65 days	Mon 8/1/16	Mon 10/31/16
98	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
99	3.4	ACCOMMODATED MATERIALS			85 days	Tue 7/5/16	Tue 11/1/16
100	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			66 days	Mon 8/1/16	Tue 11/1/16
101	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Mon 8/1/16	Tue 8/16/16
102	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Wed 8/17/16	Tue 8/23/16
103	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Wed 8/24/16	Mon 8/29/16
104	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Tue 8/30/16	Tue 9/6/16
105	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	39 days	Wed 9/7/16	Mon 10/31/16
106	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
107	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			66 days	Mon 8/1/16	Tue 11/1/16
108	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Mon 8/1/16	Tue 8/16/16
109	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Wed 8/17/16	Tue 8/23/16
110	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Wed 8/24/16	Mon 8/29/16
111	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Tue 8/30/16	Tue 9/6/16
112	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	39 days	Wed 9/7/16	Mon 10/31/16
113	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
114	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			66 days	Mon 8/1/16	Tue 11/1/16
115	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Mon 8/1/16	Tue 8/16/16
116	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Wed 8/17/16	Tue 8/23/16

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117	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Wed 8/24/16	Mon 8/29/16
118	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Tue 8/30/16	Tue 9/6/16
119	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	39 days	Wed 9/7/16	Mon 10/31/16
120	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
121	3.4.4	BRAILLE BOOKLETS [Algebra I]			66 days	Mon 8/1/16	Tue 11/1/16
122	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Mon 8/1/16	Mon 8/1/16
123	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	59 days	Tue 8/2/16	Mon 10/24/16
124	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Tue 10/25/16	Mon 10/31/16
125	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
126	3.4.5	BRAILLE BOOKLETS [Literature]			66 days	Mon 8/1/16	Tue 11/1/16
127	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Mon 8/1/16	Mon 8/1/16
128	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	59 days	Tue 8/2/16	Mon 10/24/16
129	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Tue 10/25/16	Mon 10/31/16
130	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
131	3.4.6	BRAILLE BOOKLETS [Biology]			66 days	Mon 8/1/16	Tue 11/1/16
132	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Mon 8/1/16	Mon 8/1/16
133	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	59 days	Tue 8/2/16	Mon 10/24/16
134	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Tue 10/25/16	Mon 10/31/16
135	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
136	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			85 days	Tue 7/5/16	Tue 11/1/16
137	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	25 days	Tue 7/5/16	Mon 8/8/16
138	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	10 days	Wed 8/10/16	Tue 8/23/16
139	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 8/24/16	Tue 8/30/16
140	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Wed 8/31/16	Tue 9/6/16
141	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/7/16	Tue 9/13/16
142	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	34 days	Wed 9/14/16	Mon 10/31/16
143	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
144	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			85 days	Tue 7/5/16	Tue 11/1/16
145	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	25 days	Tue 7/5/16	Mon 8/8/16

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146	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	10 days	Wed 8/10/16	Tue 8/23/16
147	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 8/24/16	Tue 8/30/16
148	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Wed 8/31/16	Tue 9/6/16
149	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/7/16	Tue 9/13/16
150	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	34 days	Wed 9/14/16	Mon 10/31/16
151	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 11/1/16	Tue 11/1/16
152	3.5	MANUALS			121 days	Mon 5/2/16	Thu 10/20/16
153	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			58 days	Mon 5/2/16	Fri 7/22/16
154	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	20 days	Mon 5/2/16	Fri 5/27/16
155	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Tue 5/31/16	Mon 6/6/16
156	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Tue 6/7/16	Mon 6/13/16
157	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	27 days	Tue 6/14/16	Thu 7/21/16
158	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Fri 7/22/16	Fri 7/22/16
159	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]			56 days	Mon 8/1/16	Tue 10/18/16
160	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 8/1/16	Fri 8/19/16
161	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 8/22/16	Thu 8/25/16
162	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 8/26/16	Thu 9/1/16
163	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-PPS	31 days	Fri 9/2/16	Mon 10/17/16
164	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
165	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]			56 days	Mon 8/1/16	Tue 10/18/16
166	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Literature]	DRC-TD	PDE	15 days	Mon 8/1/16	Fri 8/19/16
167	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Mon 8/22/16	Thu 8/25/16
168	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Fri 8/26/16	Thu 9/1/16
169	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-PPS	31 days	Fri 9/2/16	Mon 10/17/16
170	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
171	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]			56 days	Mon 8/1/16	Tue 10/18/16
172	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Biology]	DRC-TD	PDE	15 days	Mon 8/1/16	Fri 8/19/16
173	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Mon 8/22/16	Thu 8/25/16
174	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Fri 8/26/16	Thu 9/1/16

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175	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUAUS [Biology]	DRC-PPS	DRC-PPS	31 days	Fri 9/2/16	Mon 10/17/16
176	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUAUS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
177	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Algebra I]			75 days	Tue 7/5/16	Tue 10/18/16
178	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 7/5/16	Tue 9/6/16
179	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS PDF [Algebra I]	DRC-TD	PDE	8 days	Wed 9/14/16	Fri 9/23/16
180	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	3 days	Mon 9/26/16	Wed 9/28/16
181	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS to Print [Algebra I]	DRC-TD	DRC-PPS	4 days	Thu 9/29/16	Tue 10/4/16
182	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Algebra I]	DRC-PPS	DRC-PPS	9 days	Wed 10/5/16	Mon 10/17/16
183	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
184	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Biology]			75 days	Tue 7/5/16	Tue 10/18/16
185	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 7/5/16	Tue 9/6/16
186	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS PDF [Biology]	DRC-TD	PDE	8 days	Wed 9/14/16	Fri 9/23/16
187	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	3 days	Mon 9/26/16	Wed 9/28/16
188	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS to Print [Biology]	DRC-TD	DRC-PPS	4 days	Thu 9/29/16	Tue 10/4/16
189	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Biology]	DRC-PPS	DRC-PPS	9 days	Wed 10/5/16	Mon 10/17/16
190	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUAUS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
191	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Algebra I]			46 days	Mon 8/15/16	Tue 10/18/16
192	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 8/15/16	Fri 9/2/16
193	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 9/6/16	Fri 9/9/16
194	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 9/12/16	Fri 9/16/16
195	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Algebra I]	DRC-PPS	DRC-PPS	21 days	Mon 9/19/16	Mon 10/17/16
196	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
197	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Literature]			46 days	Mon 8/15/16	Tue 10/18/16
198	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS PDF [Literature ONLINE DFA]	DRC-TD	PDE	15 days	Mon 8/15/16	Fri 9/2/16
199	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 9/6/16	Fri 9/9/16
200	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 9/12/16	Fri 9/16/16
201	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	21 days	Mon 9/19/16	Mon 10/17/16
202	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
203	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUAUS [Biology]			46 days	Mon 8/15/16	Tue 10/18/16

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204	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	15 days	Mon 8/15/16	Fri 9/2/16
205	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 9/6/16	Fri 9/9/16
206	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 9/12/16	Fri 9/16/16
207	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	21 days	Mon 9/19/16	Mon 10/17/16
208	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
209	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Fri 9/23/16	Thu 10/20/16
210	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Fri 9/23/16	Thu 10/20/16
211	3.6	ANCILLARY MATERIALS			212 days	Tue 7/12/16	Thu 5/11/17
212	3.6.1	ASSESSMENT UPDATE			190 days	Thu 8/11/16	Thu 5/11/17
213	3.6.1.1	Deliver SPRING ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Fri 4/7/17	Thu 5/11/17
214	3.6.1.2	Deliver SUMMER/FALL ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Thu 8/11/16	Thu 9/15/16
215	3.6.2	REFERENCE SHEETS [Algebra I]			70 days	Tue 7/12/16	Tue 10/18/16
216	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	14 days	Tue 7/12/16	Fri 7/29/16
217	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 8/1/16	Thu 8/4/16
218	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 8/5/16	Thu 8/11/16
219	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	46 days	Fri 8/12/16	Mon 10/17/16
220	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
221	3.6.3	REFERENCE SHEETS [Algebra I Spanish]			39 days	Wed 8/24/16	Tue 10/18/16
222	3.6.3.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Wed 8/24/16	Wed 9/7/16
223	3.6.3.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Thu 9/8/16	Tue 9/13/16
224	3.6.3.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/14/16	Tue 9/20/16
225	3.6.3.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	19 days	Wed 9/21/16	Mon 10/17/16
226	3.6.3.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 10/18/16	Tue 10/18/16
227	3.7	ADMINISTRATIVE MATERIALS			36 days	Wed 9/14/16	Wed 11/2/16
228	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			11 days	Wed 10/19/16	Wed 11/2/16
229	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	3 days	Wed 10/19/16	Fri 10/21/16
230	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	7 days	Mon 10/24/16	Tue 11/1/16
231	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Wed 11/2/16	Wed 11/2/16
232	3.7.2	LABELS [DRC Return Shipping Labels]			36 days	Wed 9/14/16	Wed 11/2/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
233	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Wed 9/14/16	Wed 9/21/16
234	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	29 days	Thu 9/22/16	Tue 11/1/16
235	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Wed 11/2/16	Wed 11/2/16
236	3.7.3	UPS RS LABELS			36 days	Wed 9/14/16	Wed 11/2/16
237	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Wed 9/14/16	Tue 9/27/16
238	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	11 days	Wed 9/28/16	Wed 10/12/16
239	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Wed 11/2/16	Wed 11/2/16
240	4	TEST MATERIALS PACK AND SHIP			45 days	Fri 10/14/16	Mon 12/19/16
241	4.1	PACK AND SHIP SHIPMENT I			14 days	Fri 10/14/16	Wed 11/2/16
242	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Fri 10/14/16	Tue 10/18/16
243	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Wed 10/19/16	Wed 10/19/16
244	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Wed 10/19/16	Wed 10/19/16
245	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	8 days	Wed 10/19/16	Fri 10/28/16
246	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	8 days	Wed 10/19/16	Fri 10/28/16
247	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Mon 10/31/16	Wed 11/2/16
248	4.2	PACK AND SHIP SHIPMENT II			15 days	Fri 10/28/16	Thu 11/17/16
249	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	3 days	Fri 10/28/16	Tue 11/1/16
250	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Wed 11/2/16	Wed 11/2/16
251	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Thu 11/3/16	Thu 11/3/16
252	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Thu 11/3/16	Mon 11/14/16
253	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Thu 11/3/16	Mon 11/14/16
254	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Tue 11/15/16	Thu 11/17/16
255	4.3	PACK AND SHIP Shipment III			15 days	Tue 11/29/16	Mon 12/19/16
256	4.3.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment III]	DRC-IS	DRC-MAT	3 days	Tue 11/29/16	Thu 12/1/16
257	4.3.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment III]	DRC-MAT	DRC-MAT	1 day	Fri 12/2/16	Fri 12/2/16
258	4.3.3	Walkthrough of MATERIALS SHIPMENT [Shipment III]	DRC-EPM	DRC-MAT	1 day	Mon 12/5/16	Mon 12/5/16
259	4.3.4	Package MATERIALS [Shipment III]	DRC-MAT	UPS	8 days	Mon 12/5/16	Wed 12/14/16
260	4.3.5	Ship MATERIALS [Shipment III]	UPS	LEA	8 days	Mon 12/5/16	Wed 12/14/16
261	4.3.6	MATERIALS Due in District [Shipment III]	LEA		3 days	Thu 12/15/16	Mon 12/19/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
262	5	ONLINE TESTING PREPARATION			153 days	Wed 6/15/16	Mon 1/23/17
263	5.1	eDIRECT TEST SETUP			71 days	Tue 10/11/16	Mon 1/23/17
264	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Tue 10/11/16	Tue 10/11/16
265	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		70 days	Wed 10/12/16	Mon 1/23/17
266	5.2	TEST ENGINE			124 days	Wed 7/27/16	Mon 1/23/17
267	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Wed 7/27/16	Wed 7/27/16
268	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Wed 10/12/16	Wed 10/12/16
269	5.2.3	Access TEST ENGINE in Production	LEA		70 days	Wed 10/12/16	Mon 1/23/17
270	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			43 days	Tue 9/13/16	Thu 11/10/16
271	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			43 days	Tue 9/13/16	Thu 11/10/16
272	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			15 days	Tue 9/13/16	Mon 10/3/16
273	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Tue 9/13/16	Tue 9/13/16
274	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/14/16	Mon 9/19/16
275	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Tue 9/20/16	Tue 9/27/16
276	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/28/16	Mon 10/3/16
277	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Tue 10/4/16	Fri 10/21/16
278	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/4/16	Fri 10/7/16
279	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Mon 10/10/16	Mon 10/17/16
280	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/18/16	Fri 10/21/16
281	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Mon 10/24/16	Thu 11/10/16
282	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/24/16	Thu 10/27/16
283	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/28/16	Fri 11/4/16
284	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/7/16	Thu 11/10/16
285	5.3.2	ONLINE TEST FORMS PULL [Literature]			43 days	Tue 9/13/16	Thu 11/10/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
286	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			15 days	Tue 9/13/16	Mon 10/3/16
287	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Tue 9/13/16	Tue 9/13/16
288	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/14/16	Mon 9/19/16
289	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		6 days	Tue 9/20/16	Tue 9/27/16
290	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/28/16	Mon 10/3/16
291	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Tue 10/4/16	Fri 10/21/16
292	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/4/16	Fri 10/7/16
293	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Mon 10/10/16	Mon 10/17/16
294	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/18/16	Fri 10/21/16
295	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Mon 10/24/16	Thu 11/10/16
296	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/24/16	Thu 10/27/16
297	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/28/16	Fri 11/4/16
298	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/7/16	Thu 11/10/16
299	5.3.3	ONLINE TEST FORMS PULL [Biology]			43 days	Tue 9/13/16	Thu 11/10/16
300	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			15 days	Tue 9/13/16	Mon 10/3/16
301	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Tue 9/13/16	Tue 9/13/16
302	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/14/16	Mon 9/19/16
303	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		6 days	Tue 9/20/16	Tue 9/27/16
304	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/28/16	Mon 10/3/16
305	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Tue 10/4/16	Fri 10/21/16
306	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/4/16	Fri 10/7/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
307	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Mon 10/10/16	Mon 10/17/16
308	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/18/16	Fri 10/21/16
309	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Mon 10/24/16	Thu 11/10/16
310	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/24/16	Thu 10/27/16
311	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/28/16	Fri 11/4/16
312	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/7/16	Thu 11/10/16
313	5.4	ONLINE TESTING SUPPORT MATERIAL			153 days	Wed 6/15/16	Mon 1/23/17
314	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			153 days	Wed 6/15/16	Mon 1/23/17
315	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	78 days	Wed 6/15/16	Tue 10/4/16
316	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Wed 10/5/16	Tue 10/11/16
317	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		70 days	Wed 10/12/16	Mon 1/23/17
318	5.4.2	ONLINE TUTORIALS			153 days	Wed 6/15/16	Mon 1/23/17
319	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD,Victory		70 days	Wed 6/15/16	Thu 9/22/16
320	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Fri 9/23/16	Thu 10/6/16
321	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Fri 10/7/16	Tue 10/11/16
322	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		70 days	Wed 10/12/16	Mon 1/23/17
323	6	TEST ADMINISTRATION			34 days	Mon 12/5/16	Mon 1/23/17
324	6.1	PAPER TEST IN PROGRESS [Wave I]	LEA		10 days	Mon 12/5/16	Fri 12/16/16
325	6.2	ONLINE TEST IN PROGRESS [Wave I]	LEA		10 days	Mon 12/5/16	Fri 12/16/16
326	6.3	PAPER TEST IN PROGRESS [Wave II]	LEA		11 days	Mon 1/9/17	Mon 1/23/17
327	6.4	ONLINE TEST IN PROGRESS [Wave II]	LEA		11 days	Mon 1/9/17	Mon 1/23/17
328	7	MATERIALS RETURN AND DOCUMENT PROCESSING			164 days	Thu 10/6/16	Wed 5/31/17
329	7.1	IMAGING			21 days	Thu 10/6/16	Thu 11/3/16
330	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Thu 10/6/16	Thu 10/6/16
331	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Fri 10/7/16	Thu 11/3/16
332	7.2	SECURE MATERIAL			85 days	Fri 12/9/16	Tue 4/11/17

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333	7.2.1	SECURE MATERIAL [Algebra I]			46 days	Fri 12/9/16	Tue 2/14/17
334	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	34 days	Fri 12/9/16	Fri 1/27/17
335	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	34 days	Wed 12/14/16	Wed 2/1/17
336	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	34 days	Thu 12/15/16	Thu 2/2/17
337	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	34 days	Fri 12/16/16	Fri 2/3/17
338	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	39 days	Tue 12/20/16	Tue 2/14/17
339	7.2.2	SECURE MATERIAL [Literature]			46 days	Fri 12/9/16	Tue 2/14/17
340	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	34 days	Fri 12/9/16	Fri 1/27/17
341	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	34 days	Wed 12/14/16	Wed 2/1/17
342	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	34 days	Thu 12/15/16	Thu 2/2/17
343	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	34 days	Fri 12/16/16	Fri 2/3/17
344	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	39 days	Tue 12/20/16	Tue 2/14/17
345	7.2.3	SCORABLE MATERIAL [Biology]			46 days	Fri 12/9/16	Tue 2/14/17
346	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	34 days	Fri 12/9/16	Fri 1/27/17
347	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	34 days	Wed 12/14/16	Wed 2/1/17
348	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	34 days	Thu 12/15/16	Thu 2/2/17
349	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	34 days	Fri 12/16/16	Fri 2/3/17
350	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	39 days	Tue 12/20/16	Tue 2/14/17
351	7.2.4	STRAGGLERS			48 days	Thu 2/2/17	Tue 4/11/17
352	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Thu 2/2/17	Thu 2/2/17
353	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Mon 2/6/17	Mon 4/3/17
354	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Tue 4/4/17	Thu 4/6/17
355	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Fri 4/7/17	Tue 4/11/17
356	7.3	MISSING MATERIAL REPORT			90 days	Tue 1/24/17	Wed 5/31/17
357	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Tue 1/24/17	Tue 3/28/17
358	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Tue 1/24/17	Wed 5/31/17
359	8	POST TESTING DATA PROCESSING			249 days	Tue 4/26/16	Wed 4/19/17
360	8.1	DATA PROCESSING FILES			249 days	Tue 4/26/16	Wed 4/19/17
361	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 12/16/16	Fri 12/23/16

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362	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 12/16/16	Fri 12/23/16
363	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 12/16/16	Fri 12/23/16
364	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 12/16/16	Fri 12/23/16
365	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 12/16/16	Fri 12/23/16
366	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 12/16/16	Fri 12/23/16
367	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Wed 2/15/17	Fri 2/17/17
368	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
369	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
370	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
371	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Wed 2/15/17	Fri 2/17/17
372	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK [Algebra I]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
373	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK [Literature]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
374	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK [Biology]	DRC-IS	DRC-PS	3 days	Wed 2/15/17	Fri 2/17/17
375	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anaylsis]			5 days	Wed 3/1/17	Tue 3/7/17
376	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Wed 3/1/17	Tue 3/7/17
377	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Wed 3/1/17	Tue 3/7/17
378	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Wed 3/1/17	Tue 3/7/17
379	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Wed 3/1/17	Tue 3/7/17
380	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Wed 3/1/17	Tue 3/7/17
381	8.1.9	PDE FINAL STUDENT FILE			213 days	Tue 4/26/16	Tue 2/28/17
382	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Tue 4/26/16	Tue 4/26/16
383	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Wed 2/22/17	Wed 2/22/17
384	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Thu 2/23/17	Tue 2/28/17
385	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Wed 3/1/17	Wed 3/1/17
386	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Wed 3/1/17	Wed 3/1/17
387	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Wed 3/1/17	Tue 3/21/17
388	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Wed 3/1/17	Tue 3/14/17
389	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Wed 3/15/17	Tue 3/21/17
390	8.1.12	ANCHOR SUMMARY FILES			15 days	Wed 3/1/17	Tue 3/21/17

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391	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Wed 3/1/17	Tue 3/14/17
392	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Wed 3/15/17	Tue 3/21/17
393	8.1.13	PIMS PRECODE AND REPORTING FILES			93 days	Wed 9/21/16	Thu 2/2/17
394	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Wed 9/21/16	Thu 10/6/16
395	8.1.13.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	12 days	Wed 1/18/17	Thu 2/2/17
396	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Wed 4/12/17	Wed 4/19/17
397	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Wed 4/12/17	Wed 4/19/17
398	8.2	DATA PROCESSING SYSTEMS			6 days	Thu 2/9/17	Thu 2/16/17
399	8.2.1	CORRECTIONS SYSTEM			6 days	Thu 2/9/17	Thu 2/16/17
400	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Thu 2/9/17	Thu 2/9/17
401	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Fri 2/10/17	Thu 2/16/17
402	9	DATA ANALYSIS			96 days	Thu 12/1/16	Tue 4/18/17
403	9.1	KEY VERIFICATION			4 days	Tue 12/27/16	Fri 12/30/16
404	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Tue 12/27/16	Fri 12/30/16
405	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Tue 12/27/16	Wed 12/28/16
406	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Thu 12/29/16	Fri 12/30/16
407	9.1.2	KEY VERIFICATION [Literature]			4 days	Tue 12/27/16	Fri 12/30/16
408	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Tue 12/27/16	Wed 12/28/16
409	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Thu 12/29/16	Fri 12/30/16
410	9.1.3	KEY VERIFICATION [Biology]			4 days	Tue 12/27/16	Fri 12/30/16
411	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Tue 12/27/16	Wed 12/28/16
412	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Thu 12/29/16	Fri 12/30/16
413	9.2	EQUATING			2 days	Thu 12/1/16	Fri 12/2/16
414	9.2.1	EQUATING			2 days	Thu 12/1/16	Fri 12/2/16
415	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Thu 12/1/16	Fri 12/2/16
416	9.3	ITEM ANALYSIS			4 days	Wed 3/8/17	Mon 3/13/17
417	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Wed 3/8/17	Mon 3/13/17
418	9.4	DATA ANALYSIS			30 days	Wed 3/8/17	Tue 4/18/17
419	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Wed 3/8/17	Tue 4/4/17

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420	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Wed 3/8/17	Tue 4/4/17
421	9.4.2	DATA FORENSICS SUMMARY			30 days	Wed 3/8/17	Tue 4/18/17
422	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Wed 3/8/17	Tue 4/18/17
423	10	REPORTING			151 days	Fri 10/28/16	Mon 6/5/17
424	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Wed 2/22/17	Fri 3/31/17
425	10.1.1	ONLINE PARENT LETTERS			6 days	Wed 2/22/17	Wed 3/1/17
426	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Wed 2/22/17	Wed 2/22/17
427	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	4 days	Thu 2/23/17	Tue 2/28/17
428	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Wed 3/1/17	Wed 3/1/17
429	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Wed 3/1/17	Wed 3/1/17
430	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Wed 3/1/17	Wed 3/1/17
431	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Wed 3/1/17	Wed 3/1/17
432	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Wed 3/1/17	Wed 3/1/17
433	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Wed 3/15/17	Fri 3/31/17
434	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Wed 3/15/17	Thu 3/23/17
435	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Fri 3/24/17	Wed 3/29/17
436	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Thu 3/30/17	Fri 3/31/17
437	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Wed 3/1/17	Wed 3/29/17
438	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Wed 3/1/17	Mon 3/20/17
439	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Tue 3/21/17	Mon 3/27/17
440	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Tue 3/28/17	Wed 3/29/17
441	10.2	PRINTED REPORT PRODUCTION			145 days	Fri 10/28/16	Thu 5/25/17
442	10.2.1	INDIVIDUAL STUDENT REPORT			110 days	Fri 10/28/16	Thu 4/6/17
443	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Fri 10/28/16	Thu 11/10/16
444	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Fri 11/11/16	Mon 11/28/16
445	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Wed 3/1/17	Fri 3/10/17
446	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Mon 3/13/17	Wed 4/5/17
447	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Tue 3/14/17	Thu 4/6/17
448	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Mon 5/22/17	Thu 5/25/17

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449	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Mon 5/22/17	Mon 5/22/17
450	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Tue 5/23/17	Wed 5/24/17
451	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Thu 5/25/17	Thu 5/25/17
452	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Mon 3/13/17	Mon 3/27/17
453	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Mon 3/13/17	Mon 3/13/17
454	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Tue 3/14/17	Fri 3/17/17
455	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Mon 3/20/17	Mon 3/27/17
456	10.3	REPORTS PACK AND SHIP			56 days	Fri 3/17/17	Mon 6/5/17
457	10.3.1	INDIVIDUAL STUDENT REPORT			20 days	Fri 3/17/17	Thu 4/13/17
458	10.3.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Fri 3/17/17	Fri 3/17/17
459	10.3.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Mon 3/20/17	Fri 4/7/17
460	10.3.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Mon 4/10/17	Mon 4/10/17
461	10.3.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Tue 4/11/17	Thu 4/13/17
462	10.3.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Fri 5/26/17	Mon 6/5/17
463	10.3.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Fri 5/26/17	Tue 5/30/17
464	10.3.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Wed 5/31/17	Wed 5/31/17
465	10.3.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Thu 6/1/17	Mon 6/5/17

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1	0	KEYSTONE EXAMS: SPRING 2016-2017			447 days	Thu 1/7/16	Wed 10/11/17
2	1	PROJECT ADMINISTRATION			352 days	Fri 4/1/16	Tue 8/22/17
3	1.1	SCOPE			66 days	Fri 4/1/16	Tue 7/5/16
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Fri 4/1/16	Fri 4/1/16
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Fri 7/1/16	Fri 7/1/16
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Tue 7/5/16	Tue 7/5/16
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Tue 7/5/16	Tue 7/5/16
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Tue 7/5/16	Tue 7/5/16
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Fri 4/1/16	Fri 4/1/16
10	1.2	MEETINGS			323 days	Thu 5/12/16	Tue 8/22/17
11	1.2.1	INTERNAL MEETINGS			257 days	Tue 8/16/16	Tue 8/22/17
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Tue 8/16/16	Wed 8/24/16
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Tue 8/22/17	Tue 8/22/17
14	1.2.2	CLIENT MEETINGS			192 days	Fri 7/1/16	Wed 4/5/17
15	1.2.3	PLANNING MEETING [Meeting #1]			24 days	Thu 5/12/16	Wed 6/15/16
16	1.2.3.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 5/12/16	Thu 5/12/16
17	1.2.3.2	Complete PLANNING MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Fri 5/13/16	Fri 6/3/16
18	1.2.3.3	Conduct PLANNING MEETING [Meeting #1]	DRC,PDE	DRC,PDE	3 days	Mon 6/6/16	Wed 6/8/16
19	1.2.3.4	Complete PLANNING MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Thu 6/9/16	Wed 6/15/16
20	1.2.4	PLANNING MEETING [Meeting #2]			24 days	Tue 1/24/17	Mon 2/27/17
21	1.2.4.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 1/24/17	Tue 1/24/17
22	1.2.4.2	Complete PLANNING MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 1/25/17	Tue 2/14/17
23	1.2.4.3	Conduct PLANNING MEETING [Meeting #2]	DRC,PDE	DRC,PDE	3 days	Wed 2/15/17	Fri 2/17/17
24	1.2.4.4	Complete PLANNING MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Tue 2/21/17	Mon 2/27/17
25	1.2.5	MANAGEMENT MEETING [Meeting #1]			23 days	Thu 8/18/16	Tue 9/20/16
26	1.2.5.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Thu 8/18/16	Thu 8/18/16
27	1.2.5.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Fri 8/19/16	Fri 9/9/16
28	1.2.5.3	Conduct MANAGEMENT MEETING [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Mon 9/12/16	Tue 9/13/16
29	1.2.5.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Wed 9/14/16	Tue 9/20/16

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30	1.2.6	MANAGEMENT MEETING [Meeting #2]			25 days	Thu 11/17/16	Fri 12/23/16
31	1.2.6.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	3 days	Thu 11/17/16	Mon 11/21/16
32	1.2.6.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 11/22/16	Wed 12/14/16
33	1.2.6.3	Conduct MANAGEMENT MEETING [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Thu 12/15/16	Fri 12/16/16
34	1.2.6.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Mon 12/19/16	Fri 12/23/16
35	1.2.7	MANAGEMENT MEETING [Meeting #3]			23 days	Wed 3/22/17	Fri 4/21/17
36	1.2.7.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Wed 3/22/17	Wed 3/22/17
37	1.2.7.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 3/23/17	Wed 4/12/17
38	1.2.7.3	Conduct MANAGEMENT MEETING [Meeting #3]	DRC,PDE	DRC,PDE	2 days	Thu 4/13/17	Fri 4/14/17
39	1.2.7.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #3]	DRC-EPM	PDE	5 days	Mon 4/17/17	Fri 4/21/17
40	1.2.8	MANAGEMENT MEETING [Meeting #4]			23 days	Wed 6/14/17	Tue 7/18/17
41	1.2.8.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Wed 6/14/17	Wed 6/14/17
42	1.2.8.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 6/15/17	Fri 7/7/17
43	1.2.8.3	Conduct MANAGEMENT MEETING [Meeting #4]	DRC,PDE	DRC,PDE	2 days	Mon 7/10/17	Tue 7/11/17
44	1.2.8.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #4]	DRC-EPM	PDE	5 days	Wed 7/12/17	Tue 7/18/17
45	1.2.9	TRAININGS			73 days	Fri 3/3/17	Wed 6/14/17
46	1.2.9.1	ADMINISTRATION TRAINING			31 days	Fri 3/3/17	Fri 4/14/17
47	1.2.9.1.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 3/3/17	Fri 3/3/17
48	1.2.9.1.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Mon 3/6/17	Fri 4/7/17
49	1.2.9.1.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 4/10/17	Fri 4/14/17
50	1.2.9.2	TEST ADMINISTRATOR CERTIFICATION TRAINING			60 days	Mon 3/6/17	Fri 5/26/17
51	1.2.9.2.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	60 days	Mon 3/6/17	Fri 5/26/17
52	1.2.9.3	CORRECTIONS WEBEX TRAINING			43 days	Fri 4/14/17	Wed 6/14/17
53	1.2.9.3.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Fri 4/14/17	Fri 4/14/17
54	1.2.9.3.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Mon 4/17/17	Mon 6/12/17
55	1.2.9.3.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Tue 6/13/17	Wed 6/14/17
56	1.2.10	COMMITTEE MEETINGS			254 days	Wed 7/13/16	Fri 7/14/17
57	1.2.10.1	BIAS REVIEW MEETING [16-17 YR]			9 days	Fri 7/15/16	Wed 7/27/16
58	1.2.10.1.1	Deliver BIAS REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Fri 7/15/16	Fri 7/15/16

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59	1.2.10.1.2	Complete BIAS REVIEW MEETING PREPARATION [16-17 YR]	DRC-EPM, DRC-TD	PDE	5 days	Mon 7/18/16	Fri 7/22/16
60	1.2.10.1.3	Conduct BIAS REVIEW MEETING [16-17 YR]	DRC-TD, PDE		3 days	Mon 7/25/16	Wed 7/27/16
61	1.2.10.2	ITEM REVIEW MEETING [16-17 YR]			18 days	Wed 7/13/16	Fri 8/5/16
62	1.2.10.2.1	Deliver ITEM REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Wed 7/13/16	Wed 7/13/16
63	1.2.10.2.2	Complete ITEM REVIEW MEETING PREPARATION [16-17 YR]	DRC-EPM, DRC-TD	PDE	12 days	Thu 7/14/16	Fri 7/29/16
64	1.2.10.2.3	Conduct ITEM REVIEW MEETING [16-17 YR]	DRC-TD, PDE		5 days	Mon 8/1/16	Fri 8/5/16
65	1.2.10.3	DATA REVIEW MEETING [16-17 YR]			19 days	Fri 8/19/16	Thu 9/15/16
66	1.2.10.3.1	Deliver DATA REVIEW MEETING REQUIREMENTS [16-17 YR]	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Fri 8/19/16	Fri 8/19/16
67	1.2.10.3.2	Complete DATA REVIEW MEETING PREPARATION [16-17 YR]	DRC-TD, DRC-PS, PDE	PDE	13 days	Mon 8/22/16	Thu 9/8/16
68	1.2.10.3.3	Conduct DATA REVIEW MEETING [16-17 YR]	DRC-TD, DRC-PS, PDE		4 days	Mon 9/12/16	Thu 9/15/16
69	1.2.10.4	RANGEFINDING MEETING			21 days	Wed 6/14/17	Fri 7/14/17
70	1.2.10.4.1	Deliver RANGEFINDING MEETING REQUIREMENTS	DRC-TD, DRC-PAS, PDE	DRC-TD, DRC-PAS, PDE	1 day	Wed 6/14/17	Wed 6/14/17
71	1.2.10.4.2	Complete RANGEFINDING MEETING PREPARATION	DRC-TD, DRC-PAS, PDE	PDE	15 days	Thu 6/15/17	Fri 7/7/17
72	1.2.10.4.3	Conduct RANGEFINDING MEETING	DRC-TD, DRC-PAS, PDE		5 days	Mon 7/10/17	Fri 7/14/17
73	1.2.10.5	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #1]			44 days	Wed 10/19/16	Wed 12/21/16
74	1.2.10.5.1	Deliver TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Wed 10/19/16	Wed 10/19/16
75	1.2.10.5.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Thu 10/20/16	Fri 12/2/16
76	1.2.10.5.3	Conduct TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Mon 12/5/16	Wed 12/7/16
77	1.2.10.5.4	Complete TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Thu 12/8/16	Wed 12/21/16
78	1.2.10.6	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #2]			44 days	Mon 1/23/17	Fri 3/24/17
79	1.2.10.6.1	Deliver TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Mon 1/23/17	Mon 1/23/17
80	1.2.10.6.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Tue 1/24/17	Tue 3/7/17
81	1.2.10.6.3	Conduct TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Wed 3/8/17	Fri 3/10/17
82	1.2.10.6.4	Complete TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Mon 3/13/17	Fri 3/24/17
83	1.2.10.7	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #3]			44 days	Fri 4/14/17	Thu 6/15/17

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84	1.2.10.7.1	Deliver TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Fri 4/14/17	Fri 4/14/17
85	1.2.10.7.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Mon 4/17/17	Fri 5/26/17
86	1.2.10.7.3	Conduct TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Tue 5/30/17	Thu 6/1/17
87	1.2.10.7.4	Complete TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Fri 6/2/17	Thu 6/15/17
88	1.2.10.8	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]			44 days	Wed 10/26/16	Thu 12/29/16
89	1.2.10.8.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Wed 10/26/16	Wed 10/26/16
90	1.2.10.8.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Thu 10/27/16	Fri 12/9/16
91	1.2.10.8.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Mon 12/12/16	Wed 12/14/16
92	1.2.10.8.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Thu 12/15/16	Thu 12/29/16
93	1.2.10.9	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]			44 days	Thu 1/26/17	Wed 3/29/17
94	1.2.10.9.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/26/17	Thu 1/26/17
95	1.2.10.9.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/27/17	Fri 3/10/17
96	1.2.10.9.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/13/17	Wed 3/15/17
97	1.2.10.9.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/16/17	Wed 3/29/17
98	1.2.10.10	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]			44 days	Thu 4/20/17	Wed 6/21/17
99	1.2.10.10.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Thu 4/20/17	Thu 4/20/17
100	1.2.10.10.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Fri 4/21/17	Fri 6/2/17
101	1.2.10.10.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Mon 6/5/17	Wed 6/7/17
102	1.2.10.10.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Thu 6/8/17	Wed 6/21/17
103	2	TEST FORM PREPARATION			353 days	Thu 1/7/16	Fri 5/26/17
104	2.1	ITEM DEVELOPMENT			133 days	Thu 1/7/16	Thu 7/14/16
105	2.1.1	Develop ITEMS for Embedded Field Test Items [16-17 YR]	DRC-TD,Victory	PDE	133 days	Thu 1/7/16	Thu 7/14/16
106	2.2	PAPER TEST FORM PREPARATION [Algebra I]			37 days	Thu 9/15/16	Fri 11/4/16
107	2.2.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	20 days	Thu 9/15/16	Wed 10/12/16
108	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
109	2.2.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
110	2.2.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	2 days	Thu 10/27/16	Fri 10/28/16
111	2.2.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Mon 10/31/16	Fri 11/4/16
112	2.3	PAPER TEST FORM PREPARATION [Literature]			37 days	Thu 9/15/16	Fri 11/4/16

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
113	2.3.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	20 days	Thu 9/15/16	Wed 10/12/16
114	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
115	2.3.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
116	2.3.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	2 days	Thu 10/27/16	Fri 10/28/16
117	2.3.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Mon 10/31/16	Fri 11/4/16
118	2.4	PAPER TEST FORM PREPARATION [Biology]			37 days	Thu 9/15/16	Fri 11/4/16
119	2.4.1	Develop TEST DESIGNS [Science]	DRC-TD	PDE	20 days	Thu 9/15/16	Wed 10/12/16
120	2.4.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
121	2.4.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
122	2.4.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	2 days	Thu 10/27/16	Fri 10/28/16
123	2.4.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Mon 10/31/16	Fri 11/4/16
124	2.5	ONLINE TEST FORM PREPARATION [Algebra I]			93 days	Thu 10/13/16	Mon 2/27/17
125	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
126	2.5.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
127	2.5.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Thu 10/27/16	Fri 12/2/16
128	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	31 days	Fri 1/13/17	Mon 2/27/17
129	2.6	ONLINE TEST FORM PREPARATION [Literature]			93 days	Thu 10/13/16	Mon 2/27/17
130	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
131	2.6.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
132	2.6.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Thu 10/27/16	Fri 12/2/16
133	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	31 days	Fri 1/13/17	Mon 2/27/17
134	2.7	ONLINE TEST FORM PREPARATION [Biology]			161 days	Fri 10/7/16	Fri 5/26/17
135	2.7.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 10/13/16	Wed 10/19/16
136	2.7.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 10/20/16	Wed 10/26/16
137	2.7.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Thu 10/27/16	Fri 12/2/16
138	2.7.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	31 days	Fri 1/13/17	Mon 2/27/17
139	2.7.5	eDIRECT			161 days	Fri 10/7/16	Fri 5/26/17
140	2.7.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Fri 10/7/16	Fri 10/7/16
141	2.7.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Fri 10/7/16	Fri 10/7/16

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142	2.7.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Mon 10/10/16	Fri 10/14/16
143	2.7.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Mon 10/10/16	Fri 10/14/16
144	2.7.5.3	eDIRECT MATERIALS RECEIPT NOTICE			40 days	Mon 4/3/17	Fri 5/26/17
145	2.7.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Mon 4/3/17	Mon 4/3/17
146	2.7.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		39 days	Tue 4/4/17	Fri 5/26/17
147	2.7.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			40 days	Mon 4/3/17	Fri 5/26/17
148	2.7.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Mon 4/3/17	Mon 4/3/17
149	2.7.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		39 days	Tue 4/4/17	Fri 5/26/17
150	2.7.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			39 days	Mon 4/3/17	Thu 5/25/17
151	2.7.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Mon 4/3/17	Mon 4/3/17
152	2.7.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		32 days	Wed 4/12/17	Thu 5/25/17
153	2.7.5.6	eDIRECT ENROLLMENT SYSTEM			19 days	Fri 10/21/16	Wed 11/16/16
154	2.7.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Fri 10/21/16	Thu 10/27/16
155	2.7.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Fri 10/28/16	Fri 10/28/16
156	2.7.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Thu 11/10/16	Wed 11/16/16
157	3	STANDARD PRINT MATERIALS			221 days	Wed 6/8/16	Fri 4/21/17
158	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			109 days	Mon 11/7/16	Thu 4/13/17
159	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	25 days	Mon 11/7/16	Tue 12/13/16
160	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	8 days	Wed 12/14/16	Fri 12/23/16
161	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 12/27/16	Fri 12/30/16
162	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	8 days	Tue 1/3/17	Thu 1/12/17
163	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	63 days	Fri 1/13/17	Wed 4/12/17
164	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
165	3.2	TEST AND ANSWER BOOKLETS [Literature]			109 days	Mon 11/7/16	Thu 4/13/17
166	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	25 days	Mon 11/7/16	Tue 12/13/16
167	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	8 days	Wed 12/14/16	Fri 12/23/16
168	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Tue 12/27/16	Fri 12/30/16
169	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	8 days	Tue 1/3/17	Thu 1/12/17
170	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	63 days	Fri 1/13/17	Wed 4/12/17

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171	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
172	3.3	TEST AND ANSWER BOOKLETS [Biology]			109 days	Mon 11/7/16	Thu 4/13/17
173	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	25 days	Mon 11/7/16	Tue 12/13/16
174	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	8 days	Wed 12/14/16	Fri 12/23/16
175	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Tue 12/27/16	Fri 12/30/16
176	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	8 days	Tue 1/3/17	Thu 1/12/17
177	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	63 days	Fri 1/13/17	Wed 4/12/17
178	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
179	3.4	ACCOMMODATED MATERIALS			109 days	Mon 11/7/16	Thu 4/13/17
180	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			64 days	Fri 1/13/17	Thu 4/13/17
181	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Fri 1/13/17	Mon 1/30/17
182	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Tue 1/31/17	Mon 2/6/17
183	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Tue 2/7/17	Fri 2/10/17
184	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Mon 2/13/17	Fri 2/17/17
185	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	37 days	Tue 2/21/17	Wed 4/12/17
186	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
187	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			64 days	Fri 1/13/17	Thu 4/13/17
188	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Fri 1/13/17	Mon 1/30/17
189	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Tue 1/31/17	Mon 2/6/17
190	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Tue 2/7/17	Fri 2/10/17
191	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Mon 2/13/17	Fri 2/17/17
192	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	37 days	Tue 2/21/17	Wed 4/12/17
193	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
194	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			64 days	Fri 1/13/17	Thu 4/13/17
195	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Fri 1/13/17	Mon 1/30/17
196	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Tue 1/31/17	Mon 2/6/17
197	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Tue 2/7/17	Fri 2/10/17
198	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Mon 2/13/17	Fri 2/17/17
199	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	37 days	Tue 2/21/17	Wed 4/12/17

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200	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
201	3.4.4	BRaille BOOKLETS [Algebra I]			64 days	Fri 1/13/17	Thu 4/13/17
202	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Fri 1/13/17	Fri 1/13/17
203	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	57 days	Mon 1/16/17	Wed 4/5/17
204	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Thu 4/6/17	Wed 4/12/17
205	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
206	3.4.5	BRaille BOOKLETS [Literature]			64 days	Fri 1/13/17	Thu 4/13/17
207	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Fri 1/13/17	Fri 1/13/17
208	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	57 days	Mon 1/16/17	Wed 4/5/17
209	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Thu 4/6/17	Wed 4/12/17
210	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
211	3.4.6	BRaille BOOKLETS [Biology]			64 days	Fri 1/13/17	Thu 4/13/17
212	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Fri 1/13/17	Fri 1/13/17
213	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	57 days	Mon 1/16/17	Wed 4/5/17
214	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Thu 4/6/17	Wed 4/12/17
215	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
216	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			109 days	Mon 11/7/16	Thu 4/13/17
217	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 11/7/16	Thu 1/12/17
218	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	10 days	Tue 1/24/17	Mon 2/6/17
219	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Tue 2/7/17	Mon 2/13/17
220	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Tue 2/14/17	Fri 2/17/17
221	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Tue 2/21/17	Mon 2/27/17
222	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	32 days	Tue 2/28/17	Wed 4/12/17
223	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
224	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			109 days	Mon 11/7/16	Thu 4/13/17
225	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 11/7/16	Thu 1/12/17
226	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	10 days	Tue 1/24/17	Mon 2/6/17
227	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Tue 2/7/17	Mon 2/13/17
228	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Tue 2/14/17	Fri 2/17/17

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229	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Tue 2/21/17	Mon 2/27/17
230	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	32 days	Tue 2/28/17	Wed 4/12/17
231	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
232	3.5	MANUALS			102 days	Mon 11/7/16	Tue 4/4/17
233	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			56 days	Mon 1/16/17	Tue 4/4/17
234	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	20 days	Mon 1/16/17	Fri 2/10/17
235	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Mon 2/13/17	Fri 2/17/17
236	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Tue 2/21/17	Mon 2/27/17
237	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	25 days	Tue 2/28/17	Mon 4/3/17
238	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
239	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]			57 days	Fri 1/13/17	Tue 4/4/17
240	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Algebra I]	DRC-TD	PDE	15 days	Fri 1/13/17	Thu 2/2/17
241	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 2/3/17	Wed 2/8/17
242	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Thu 2/9/17	Wed 2/15/17
243	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-PPS	32 days	Thu 2/16/17	Mon 4/3/17
244	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
245	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]			57 days	Fri 1/13/17	Tue 4/4/17
246	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Literature]	DRC-TD	PDE	15 days	Fri 1/13/17	Thu 2/2/17
247	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Fri 2/3/17	Wed 2/8/17
248	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Thu 2/9/17	Wed 2/15/17
249	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-PPS	32 days	Thu 2/16/17	Mon 4/3/17
250	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
251	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]			57 days	Fri 1/13/17	Tue 4/4/17
252	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Biology]	DRC-TD	PDE	15 days	Fri 1/13/17	Thu 2/2/17
253	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Fri 2/3/17	Wed 2/8/17
254	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Thu 2/9/17	Wed 2/15/17
255	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-PPS	32 days	Thu 2/16/17	Mon 4/3/17
256	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
257	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Algebra I]			102 days	Mon 11/7/16	Tue 4/4/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
258	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 11/7/16	Thu 1/12/17
259	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Algebra I]	DRC-TD	PDE	8 days	Tue 2/28/17	Thu 3/9/17
260	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 3/10/17	Wed 3/15/17
261	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Thu 3/16/17	Wed 3/22/17
262	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-PPS	8 days	Thu 3/23/17	Mon 4/3/17
263	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
264	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]			102 days	Mon 11/7/16	Tue 4/4/17
265	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Mon 11/7/16	Thu 1/12/17
266	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Biology]	DRC-TD	PDE	8 days	Tue 2/28/17	Thu 3/9/17
267	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Fri 3/10/17	Wed 3/15/17
268	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Thu 3/16/17	Wed 3/22/17
269	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-PPS	8 days	Thu 3/23/17	Mon 4/3/17
270	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
271	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]			47 days	Fri 1/27/17	Tue 4/4/17
272	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Fri 1/27/17	Thu 2/16/17
273	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 2/17/17	Thu 2/23/17
274	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 2/24/17	Thu 3/2/17
275	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-PPS	22 days	Fri 3/3/17	Mon 4/3/17
276	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
277	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature]			47 days	Fri 1/27/17	Tue 4/4/17
278	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Literature ONLINE DFA]	DRC-TD	PDE	15 days	Fri 1/27/17	Thu 2/16/17
279	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Fri 2/17/17	Thu 2/23/17
280	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Fri 2/24/17	Thu 3/2/17
281	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Fri 3/3/17	Mon 4/3/17
282	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
283	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology]			47 days	Fri 1/27/17	Tue 4/4/17
284	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	15 days	Fri 1/27/17	Thu 2/16/17
285	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Fri 2/17/17	Thu 2/23/17
286	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Fri 2/24/17	Thu 3/2/17

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287	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Fri 3/3/17	Mon 4/3/17
288	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
289	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 3/6/17	Fri 3/31/17
290	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 3/6/17	Fri 3/31/17
291	3.6	ANCILLARY MATERIALS			208 days	Wed 6/8/16	Tue 4/4/17
292	3.6.1	ASSESSMENT UPDATE			150 days	Wed 6/8/16	Wed 1/11/17
293	3.6.1.1	Deliver WINTER ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Tue 12/6/16	Wed 1/11/17
294	3.6.1.2	Deliver SUMMER ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Wed 6/8/16	Wed 7/13/16
295	3.6.2	REFERENCE SHEETS [Algebra I]			77 days	Wed 12/14/16	Tue 4/4/17
296	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	20 days	Wed 12/14/16	Thu 1/12/17
297	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 1/13/17	Wed 1/18/17
298	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Thu 1/19/17	Wed 1/25/17
299	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	47 days	Thu 1/26/17	Mon 4/3/17
300	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
301	3.6.3	REFERENCE SHEETS [Algebra I Spanish]			40 days	Tue 2/7/17	Tue 4/4/17
302	3.6.3.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Tue 2/7/17	Tue 2/21/17
303	3.6.3.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Wed 2/22/17	Mon 2/27/17
304	3.6.3.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Tue 2/28/17	Mon 3/6/17
305	3.6.3.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	20 days	Tue 3/7/17	Mon 4/3/17
306	3.6.3.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 4/4/17	Tue 4/4/17
307	3.6.4	ITEM AND SCORING SAMPLER [Algebra I]			33 days	Thu 7/14/16	Mon 8/29/16
308	3.6.4.1	Develop ITEM AND SCORING SAMPLER PDF [Algebra I Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
309	3.6.4.2	Develop ITEM AND SCORING SAMPLER PDF [Algebra I]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16
310	3.6.4.3	Deliver ITEM AND SCORING SAMPLER PDF [Algebra I]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
311	3.6.4.4	Approve ITEM AND SCORING SAMPLER [Algebra I]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
312	3.6.4.5	Deliver Finished ITEM AND SCORING SAMPLER [Algebra I]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
313	3.6.5	ITEM AND SCORING SAMPLER [Literature]			33 days	Thu 7/14/16	Mon 8/29/16
314	3.6.5.1	Develop ITEM AND SCORING SAMPLER PDF [Literature Braille Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
315	3.6.5.2	Develop ITEM AND SCORING SAMPLER PDF [Literature]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16

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316	3.6.5.3	Deliver ITEM AND SCORING SAMPLER PDF [Literature]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
317	3.6.5.4	Approve ITEM AND SCORING SAMPLER [Literature]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
318	3.6.5.5	Deliver Finished ITEM AND SCORING SAMPLER [Literature]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
319	3.6.6	ITEM AND SCORING SAMPLER [Biology]			33 days	Thu 7/14/16	Mon 8/29/16
320	3.6.6.1	Develop ITEM AND SCORING SAMPLER PDF [Biology Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Thu 7/14/16	Wed 7/27/16
321	3.6.6.2	Develop ITEM AND SCORING SAMPLER PDF [Biology]	DRC-TD	DRC-TD	20 days	Thu 7/21/16	Wed 8/17/16
322	3.6.6.3	Deliver ITEM AND SCORING SAMPLER PDF [Biology]	DRC-TD	PDE	1 day	Thu 8/18/16	Thu 8/18/16
323	3.6.6.4	Approve ITEM AND SCORING SAMPLER [Biology]	PDE	DRC-TD	5 days	Fri 8/19/16	Thu 8/25/16
324	3.6.6.5	Deliver Finished ITEM AND SCORING SAMPLER [Biology]	DRC-TD	PDE	2 days	Fri 8/26/16	Mon 8/29/16
325	3.7	ADMINISTRATIVE MATERIALS			43 days	Wed 2/22/17	Fri 4/21/17
326	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			22 days	Wed 3/15/17	Thu 4/13/17
327	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	6 days	Wed 3/15/17	Wed 3/22/17
328	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	15 days	Thu 3/23/17	Wed 4/12/17
329	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
330	3.7.2	LABELS [DRC Return Shipping Labels]			37 days	Wed 2/22/17	Thu 4/13/17
331	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Wed 2/22/17	Wed 3/1/17
332	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Thu 3/2/17	Wed 4/12/17
333	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
334	3.7.3	UPS RS LABELS			38 days	Wed 3/1/17	Fri 4/21/17
335	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Wed 3/1/17	Tue 3/14/17
336	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Wed 3/15/17	Fri 3/31/17
337	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Fri 4/21/17	Fri 4/21/17
338	4	TEST MATERIALS PACK AND SHIP			27 days	Thu 3/23/17	Fri 4/28/17
339	4.1	PACK AND SHIP SHIPMENT I			10 days	Mon 4/3/17	Fri 4/14/17
340	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Mon 4/3/17	Wed 4/5/17
341	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Thu 4/6/17	Thu 4/6/17
342	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Wed 4/5/17	Wed 4/5/17
343	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	5 days	Wed 4/5/17	Tue 4/11/17
344	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	5 days	Wed 4/5/17	Tue 4/11/17

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345	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Wed 4/12/17	Fri 4/14/17
346	4.2	PACK AND SHIP SHIPMENT II			27 days	Thu 3/23/17	Fri 4/28/17
347	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	15 days	Thu 3/23/17	Wed 4/12/17
348	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Thu 4/13/17	Thu 4/13/17
349	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Fri 4/14/17	Fri 4/14/17
350	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Fri 4/14/17	Tue 4/25/17
351	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Fri 4/14/17	Tue 4/25/17
352	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Wed 4/26/17	Fri 4/28/17
353	5	ONLINE TESTING PREPARATION			163 days	Wed 10/5/16	Fri 5/26/17
354	5.1	eDIRECT TEST SETUP			61 days	Fri 3/3/17	Fri 5/26/17
355	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 3/3/17	Fri 3/3/17
356	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		60 days	Mon 3/6/17	Fri 5/26/17
357	5.2	TEST ENGINE			100 days	Fri 1/6/17	Fri 5/26/17
358	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Fri 1/6/17	Fri 1/6/17
359	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Mon 3/6/17	Mon 3/6/17
360	5.2.3	Access TEST ENGINE in Production	LEA		60 days	Mon 3/6/17	Fri 5/26/17
361	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			43 days	Tue 2/28/17	Thu 4/27/17
362	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			43 days	Tue 2/28/17	Thu 4/27/17
363	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			15 days	Tue 2/28/17	Mon 3/20/17
364	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Tue 2/28/17	Tue 2/28/17
365	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/1/17	Mon 3/6/17
366	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Tue 3/7/17	Tue 3/14/17
367	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 3/15/17	Mon 3/20/17
368	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Tue 3/21/17	Fri 4/7/17
369	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 3/21/17	Fri 3/24/17
370	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Mon 3/27/17	Mon 4/3/17

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371	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 4/4/17	Fri 4/7/17
372	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Mon 4/10/17	Thu 4/27/17
373	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 4/10/17	Thu 4/13/17
374	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 4/14/17	Fri 4/21/17
375	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 4/24/17	Thu 4/27/17
376	5.3.2	ONLINE TEST FORMS PULL [Literature]			43 days	Tue 2/28/17	Thu 4/27/17
377	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			15 days	Tue 2/28/17	Mon 3/20/17
378	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Tue 2/28/17	Tue 2/28/17
379	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/1/17	Mon 3/6/17
380	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		6 days	Tue 3/7/17	Tue 3/14/17
381	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 3/15/17	Mon 3/20/17
382	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Tue 3/21/17	Fri 4/7/17
383	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 3/21/17	Fri 3/24/17
384	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Mon 3/27/17	Mon 4/3/17
385	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 4/4/17	Fri 4/7/17
386	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Mon 4/10/17	Thu 4/27/17
387	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 4/10/17	Thu 4/13/17
388	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 4/14/17	Fri 4/21/17
389	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 4/24/17	Thu 4/27/17
390	5.3.3	ONLINE TEST FORMS PULL [Biology]			43 days	Tue 2/28/17	Thu 4/27/17
391	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			15 days	Tue 2/28/17	Mon 3/20/17
392	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Tue 2/28/17	Tue 2/28/17

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393	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/1/17	Mon 3/6/17
394	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		6 days	Tue 3/7/17	Tue 3/14/17
395	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 3/15/17	Mon 3/20/17
396	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Tue 3/21/17	Fri 4/7/17
397	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 3/21/17	Fri 3/24/17
398	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Mon 3/27/17	Mon 4/3/17
399	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 4/4/17	Fri 4/7/17
400	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Mon 4/10/17	Thu 4/27/17
401	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 4/10/17	Thu 4/13/17
402	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 4/14/17	Fri 4/21/17
403	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 4/24/17	Thu 4/27/17
404	5.4	ONLINE TESTING SUPPORT MATERIAL			163 days	Wed 10/5/16	Fri 5/26/17
405	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			155 days	Mon 10/17/16	Fri 5/26/17
406	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Mon 10/17/16	Fri 2/24/17
407	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Mon 2/27/17	Fri 3/3/17
408	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		60 days	Mon 3/6/17	Fri 5/26/17
409	5.4.2	ONLINE TUTORIALS			163 days	Wed 10/5/16	Fri 5/26/17
410	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD, Victory		90 days	Wed 10/5/16	Mon 2/13/17
411	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Tue 2/14/17	Tue 2/28/17
412	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 3/1/17	Fri 3/3/17
413	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		60 days	Mon 3/6/17	Fri 5/26/17
414	6	TEST ADMINISTRATION			10 days	Mon 5/15/17	Fri 5/26/17
415	6.1	PAPER TEST IN PROGRESS	LEA		10 days	Mon 5/15/17	Fri 5/26/17
416	6.2	ONLINE TEST IN PROGRESS	LEA		10 days	Mon 5/15/17	Fri 5/26/17

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417	7	MATERIALS RETURN AND DOCUMENT PROCESSING			138 days	Wed 3/22/17	Thu 10/5/17
418	7.1	IMAGING			21 days	Wed 3/22/17	Wed 4/19/17
419	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Wed 3/22/17	Wed 3/22/17
420	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Thu 3/23/17	Wed 4/19/17
421	7.2	SECURE MATERIAL			62 days	Fri 5/19/17	Thu 8/17/17
422	7.2.1	SECURE MATERIAL [Algebra I]			50 days	Fri 5/19/17	Tue 8/1/17
423	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	11 days	Fri 5/19/17	Mon 6/5/17
424	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	11 days	Wed 5/24/17	Thu 6/8/17
425	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	11 days	Thu 5/25/17	Fri 6/9/17
426	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	11 days	Fri 5/26/17	Mon 6/12/17
427	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	16 days	Wed 5/31/17	Wed 6/21/17
428	7.2.1.6	Handscore CONSTRUCTED RESPONSE [Field Test (Algebra I)]	DRC-PAS	DRC-IS	12 days	Mon 7/17/17	Tue 8/1/17
429	7.2.2	SECURE MATERIAL [Literature]			50 days	Fri 5/19/17	Tue 8/1/17
430	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	11 days	Fri 5/19/17	Mon 6/5/17
431	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	11 days	Wed 5/24/17	Thu 6/8/17
432	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	11 days	Thu 5/25/17	Fri 6/9/17
433	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	11 days	Fri 5/26/17	Mon 6/12/17
434	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	16 days	Wed 5/31/17	Wed 6/21/17
435	7.2.2.6	Handscore CONSTRUCTED RESPONSE [Field Test (Literature)]	DRC-PAS	DRC-IS	12 days	Mon 7/17/17	Tue 8/1/17
436	7.2.3	SCORABLE MATERIAL [Biology]			50 days	Fri 5/19/17	Tue 8/1/17
437	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	11 days	Fri 5/19/17	Mon 6/5/17
438	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	11 days	Wed 5/24/17	Thu 6/8/17
439	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	11 days	Thu 5/25/17	Fri 6/9/17
440	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	11 days	Fri 5/26/17	Mon 6/12/17
441	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	16 days	Wed 5/31/17	Wed 6/21/17
442	7.2.3.6	Handscore CONSTRUCTED RESPONSE [Field Test (Biology)]	DRC-PAS	DRC-IS	12 days	Mon 7/17/17	Tue 8/1/17
443	7.2.4	STRAGGLERS			48 days	Fri 6/9/17	Thu 8/17/17
444	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Fri 6/9/17	Fri 6/9/17
445	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Tue 6/13/17	Wed 8/9/17

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446	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Thu 8/10/17	Mon 8/14/17
447	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Tue 8/15/17	Thu 8/17/17
448	7.3	MISSING MATERIAL REPORT			90 days	Tue 5/30/17	Thu 10/5/17
449	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Tue 5/30/17	Wed 8/2/17
450	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Tue 5/30/17	Thu 10/5/17
451	8	POST TESTING DATA PROCESSING			156 days	Mon 1/16/17	Fri 8/25/17
452	8.1	DATA PROCESSING FILES			156 days	Mon 1/16/17	Fri 8/25/17
453	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 5/26/17	Mon 6/5/17
454	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 5/26/17	Mon 6/5/17
455	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 5/26/17	Mon 6/5/17
456	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 5/26/17	Mon 6/5/17
457	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 5/26/17	Mon 6/5/17
458	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 5/26/17	Mon 6/5/17
459	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Thu 6/22/17	Mon 6/26/17
460	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
461	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
462	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
463	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Thu 6/22/17	Mon 6/26/17
464	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK ALG I]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
465	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK BIO]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
466	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK LIT]	DRC-IS	DRC-PS	3 days	Thu 6/22/17	Mon 6/26/17
467	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anaylsis]			5 days	Fri 7/7/17	Thu 7/13/17
468	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Fri 7/7/17	Thu 7/13/17
469	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Fri 7/7/17	Thu 7/13/17
470	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Fri 7/7/17	Thu 7/13/17
471	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Fri 7/7/17	Thu 7/13/17
472	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Fri 7/7/17	Thu 7/13/17
473	8.1.9	PDE FINAL STUDENT FILE			99 days	Tue 2/14/17	Thu 7/6/17
474	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Tue 2/14/17	Tue 2/14/17

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475	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Wed 6/28/17	Wed 6/28/17
476	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Thu 6/29/17	Thu 7/6/17
477	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Fri 7/7/17	Fri 7/7/17
478	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Fri 7/7/17	Fri 7/7/17
479	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Fri 7/7/17	Thu 7/27/17
480	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Fri 7/7/17	Thu 7/20/17
481	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Fri 7/21/17	Thu 7/27/17
482	8.1.12	ANCHOR SUMMARY FILES			15 days	Fri 7/7/17	Thu 7/27/17
483	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Fri 7/7/17	Thu 7/20/17
484	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Fri 7/21/17	Thu 7/27/17
485	8.1.13	PIMS PRECODE AND REPORTING FILES			106 days	Mon 1/16/17	Wed 6/14/17
486	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Mon 1/16/17	Tue 1/31/17
487	8.1.13.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	1 day	Wed 6/14/17	Wed 6/14/17
488	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Fri 8/18/17	Fri 8/25/17
489	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Fri 8/18/17	Fri 8/25/17
490	8.2	DATA PROCESSING SYSTEMS			6 days	Fri 6/16/17	Fri 6/23/17
491	8.2.1	CORRECTIONS SYSTEM			6 days	Fri 6/16/17	Fri 6/23/17
492	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Fri 6/16/17	Fri 6/16/17
493	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Mon 6/19/17	Fri 6/23/17
494	9	DATA ANALYSIS			61 days	Tue 5/30/17	Thu 8/24/17
495	9.1	KEY VERIFICATION			4 days	Tue 6/6/17	Fri 6/9/17
496	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Tue 6/6/17	Fri 6/9/17
497	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Tue 6/6/17	Wed 6/7/17
498	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Thu 6/8/17	Fri 6/9/17
499	9.1.2	KEY VERIFICATION [Literature]			4 days	Tue 6/6/17	Fri 6/9/17
500	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Tue 6/6/17	Wed 6/7/17
501	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Thu 6/8/17	Fri 6/9/17
502	9.1.3	KEY VERIFICATION [Biology]			4 days	Tue 6/6/17	Fri 6/9/17
503	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Tue 6/6/17	Wed 6/7/17

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504	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Thu 6/8/17	Fri 6/9/17
505	9.2	EQUATING			2 days	Tue 5/30/17	Wed 5/31/17
506	9.2.1	EQUATING			2 days	Tue 5/30/17	Wed 5/31/17
507	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Tue 5/30/17	Wed 5/31/17
508	9.3	ITEM ANALYSIS			4 days	Fri 7/14/17	Wed 7/19/17
509	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Fri 7/14/17	Wed 7/19/17
510	9.4	DATA ANALYSIS			30 days	Fri 7/14/17	Thu 8/24/17
511	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Fri 7/14/17	Thu 8/10/17
512	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Fri 7/14/17	Thu 8/10/17
513	9.4.2	DATA FORENSICS SUMMARY			30 days	Fri 7/14/17	Thu 8/24/17
514	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Fri 7/14/17	Thu 8/24/17
515	10	REPORTING			114 days	Mon 5/1/17	Wed 10/11/17
516	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Wed 6/28/17	Tue 8/8/17
517	10.1.1	ONLINE PARENT LETTERS			6 days	Wed 6/28/17	Fri 7/7/17
518	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Wed 6/28/17	Wed 6/28/17
519	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	4 days	Thu 6/29/17	Thu 7/6/17
520	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Fri 7/7/17	Fri 7/7/17
521	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Fri 7/7/17	Fri 7/7/17
522	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Fri 7/7/17	Fri 7/7/17
523	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Fri 7/7/17	Fri 7/7/17
524	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Fri 7/7/17	Fri 7/7/17
525	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Fri 7/21/17	Tue 8/8/17
526	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Fri 7/21/17	Mon 7/31/17
527	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Tue 8/1/17	Fri 8/4/17
528	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Mon 8/7/17	Tue 8/8/17
529	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Fri 7/7/17	Fri 8/4/17
530	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Fri 7/7/17	Wed 7/26/17
531	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Thu 7/27/17	Wed 8/2/17
532	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Thu 8/3/17	Fri 8/4/17

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533	10.2	PRINTED REPORT PRODUCTION			108 days	Mon 5/1/17	Tue 10/3/17
534	10.2.1	INDIVIDUAL STUDENT REPORT			73 days	Mon 5/1/17	Mon 8/14/17
535	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Mon 5/1/17	Fri 5/12/17
536	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Mon 5/15/17	Fri 5/26/17
537	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Fri 7/7/17	Tue 7/18/17
538	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Wed 7/19/17	Fri 8/11/17
539	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Thu 7/20/17	Mon 8/14/17
540	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Thu 9/28/17	Tue 10/3/17
541	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Thu 9/28/17	Thu 9/28/17
542	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Fri 9/29/17	Mon 10/2/17
543	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Tue 10/3/17	Tue 10/3/17
544	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Wed 7/19/17	Wed 8/2/17
545	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Wed 7/19/17	Wed 7/19/17
546	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Thu 7/20/17	Tue 7/25/17
547	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Wed 7/26/17	Wed 8/2/17
548	10.3	TECHNICAL REPORTS			53 days	Fri 7/14/17	Wed 9/27/17
549	10.3.1	TECHNICAL REPORT			53 days	Fri 7/14/17	Wed 9/27/17
550	10.3.1.1	Deliver TECHNICAL REPORT PDF	DRC-PS	DRC-DIGITAL	50 days	Fri 7/14/17	Fri 9/22/17
551	10.3.1.2	Print and Finish TECHNICAL REPORT	DRC-DIGITAL	DRC-EPM	2 days	Mon 9/25/17	Tue 9/26/17
552	10.3.1.3	Deliver PRINTED TECHNICAL REPORT	DRC-EPM	PDE,TAC	1 day	Wed 9/27/17	Wed 9/27/17
553	10.4	REPORTS PACK AND SHIP			56 days	Tue 7/25/17	Wed 10/11/17
554	10.4.1	INDIVIDUAL STUDENT REPORT			20 days	Tue 7/25/17	Mon 8/21/17
555	10.4.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Tue 7/25/17	Tue 7/25/17
556	10.4.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Wed 7/26/17	Tue 8/15/17
557	10.4.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Wed 8/16/17	Wed 8/16/17
558	10.4.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Thu 8/17/17	Mon 8/21/17
559	10.4.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Wed 10/4/17	Wed 10/11/17
560	10.4.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Wed 10/4/17	Thu 10/5/17
561	10.4.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Fri 10/6/17	Fri 10/6/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
562	10.4.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Mon 10/9/17	Wed 10/11/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	KEYSTONE EXAMS: SUMMER 2017			283 days	Wed 1/4/17	Thu 2/15/18
2	1	PROJECT ADMINISTRATION			276 days	Wed 1/4/17	Tue 2/6/18
3	1.1	SCOPE			2 days	Wed 1/4/17	Thu 1/5/17
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Wed 1/4/17	Wed 1/4/17
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Thu 1/5/17	Thu 1/5/17
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Thu 1/5/17	Thu 1/5/17
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Thu 1/5/17	Thu 1/5/17
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Thu 1/5/17	Thu 1/5/17
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Wed 1/4/17	Wed 1/4/17
10	1.2	MEETINGS			275 days	Thu 1/5/17	Tue 2/6/18
11	1.2.1	INTERNAL MEETINGS			208 days	Thu 1/5/17	Mon 10/30/17
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Thu 1/5/17	Fri 1/13/17
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Mon 10/30/17	Mon 10/30/17
14	1.2.2	CLIENT MEETINGS			187 days	Wed 5/10/17	Tue 2/6/18
15	1.2.2.1	TEST ADMINISTRATOR CERTIFICATION TRAINING			60 days	Wed 5/10/17	Fri 8/4/17
16	1.2.2.1.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	60 days	Wed 5/10/17	Fri 8/4/17
17	1.2.2.2	CORRECTIONS WEBEX TRAINING			43 days	Wed 12/6/17	Tue 2/6/18
18	1.2.2.2.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Wed 12/6/17	Wed 12/6/17
19	1.2.2.2.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Thu 12/7/17	Fri 2/2/18
20	1.2.2.2.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Mon 2/5/18	Tue 2/6/18
21	2	TEST FORM PREPARATION			144 days	Wed 1/11/17	Fri 8/4/17
22	2.1	PAPER TEST FORM PREPARATION [Algebra I]			12 days	Wed 1/11/17	Thu 1/26/17
23	2.1.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	2 days	Wed 1/11/17	Thu 1/12/17
24	2.1.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	2 days	Fri 1/13/17	Mon 1/16/17
25	2.1.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	2 days	Tue 1/17/17	Wed 1/18/17
26	2.1.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	1 day	Thu 1/19/17	Thu 1/19/17
27	2.1.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
28	2.2	PAPER TEST FORM PREPARATION [Literature]			12 days	Wed 1/11/17	Thu 1/26/17
29	2.2.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	2 days	Wed 1/11/17	Thu 1/12/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
30	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	2 days	Fri 1/13/17	Mon 1/16/17
31	2.2.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	2 days	Tue 1/17/17	Wed 1/18/17
32	2.2.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	1 day	Thu 1/19/17	Thu 1/19/17
33	2.2.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
34	2.3	PAPER TEST FORM PREPARATION [Biology]			12 days	Wed 1/11/17	Thu 1/26/17
35	2.3.1	Develop TEST DESIGNS [Biology]	DRC-TD	PDE	2 days	Wed 1/11/17	Thu 1/12/17
36	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	2 days	Fri 1/13/17	Mon 1/16/17
37	2.3.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	2 days	Tue 1/17/17	Wed 1/18/17
38	2.3.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	1 day	Thu 1/19/17	Thu 1/19/17
39	2.3.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
40	2.4	ONLINE TEST FORM PREPARATION [Algebra I]			85 days	Fri 1/13/17	Fri 5/12/17
41	2.4.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Fri 1/13/17	Thu 1/19/17
42	2.4.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
43	2.4.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
44	2.4.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	30 days	Mon 4/3/17	Fri 5/12/17
45	2.5	ONLINE TEST FORM PREPARATION [Literature]			85 days	Fri 1/13/17	Fri 5/12/17
46	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Fri 1/13/17	Thu 1/19/17
47	2.5.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
48	2.5.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
49	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	30 days	Mon 4/3/17	Fri 5/12/17
50	2.6	ONLINE TEST FORM PREPARATION [Biology]			142 days	Fri 1/13/17	Fri 8/4/17
51	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Fri 1/13/17	Thu 1/19/17
52	2.6.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Fri 1/20/17	Thu 1/26/17
53	2.6.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
54	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	30 days	Mon 4/3/17	Fri 5/12/17
55	2.6.5	eDIRECT			111 days	Tue 2/28/17	Fri 8/4/17
56	2.6.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Tue 2/28/17	Tue 2/28/17
57	2.6.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Tue 2/28/17	Tue 2/28/17
58	2.6.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Wed 3/1/17	Tue 3/7/17

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59	2.6.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Wed 3/1/17	Tue 3/7/17
60	2.6.5.3	eDIRECT MATERIALS RECEIPT NOTICE			35 days	Thu 6/15/17	Fri 8/4/17
61	2.6.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Thu 6/15/17	Thu 6/15/17
62	2.6.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		34 days	Fri 6/16/17	Fri 8/4/17
63	2.6.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			35 days	Thu 6/15/17	Fri 8/4/17
64	2.6.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Thu 6/15/17	Thu 6/15/17
65	2.6.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		34 days	Fri 6/16/17	Fri 8/4/17
66	2.6.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			25 days	Wed 6/28/17	Thu 8/3/17
67	2.6.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Wed 6/28/17	Wed 6/28/17
68	2.6.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		24 days	Thu 6/29/17	Thu 8/3/17
69	2.6.5.6	eDIRECT ENROLLMENT SYSTEM			19 days	Thu 3/16/17	Tue 4/11/17
70	2.6.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Thu 3/16/17	Wed 3/22/17
71	2.6.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Thu 3/23/17	Thu 3/23/17
72	2.6.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Wed 4/5/17	Tue 4/11/17
73	3	STANDARD PRINT MATERIALS			108 days	Fri 1/27/17	Thu 6/29/17
74	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			108 days	Fri 1/27/17	Thu 6/29/17
75	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
76	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	8 days	Mon 3/6/17	Wed 3/15/17
77	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Thu 3/16/17	Tue 3/21/17
78	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	8 days	Wed 3/22/17	Fri 3/31/17
79	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	62 days	Mon 4/3/17	Wed 6/28/17
80	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
81	3.2	TEST AND ANSWER BOOKLETS [Literature]			108 days	Fri 1/27/17	Thu 6/29/17
82	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
83	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	8 days	Mon 3/6/17	Wed 3/15/17
84	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Thu 3/16/17	Tue 3/21/17
85	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	8 days	Wed 3/22/17	Fri 3/31/17
86	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	62 days	Mon 4/3/17	Wed 6/28/17
87	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
88	3.3	TEST AND ANSWER BOOKLETS [Biology]			108 days	Fri 1/27/17	Thu 6/29/17
89	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	25 days	Fri 1/27/17	Fri 3/3/17
90	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	8 days	Mon 3/6/17	Wed 3/15/17
91	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Thu 3/16/17	Tue 3/21/17
92	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	8 days	Wed 3/22/17	Fri 3/31/17
93	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	62 days	Mon 4/3/17	Wed 6/28/17
94	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
95	3.4	ACCOMMODATED MATERIALS			108 days	Fri 1/27/17	Thu 6/29/17
96	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			63 days	Mon 4/3/17	Thu 6/29/17
97	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Mon 4/3/17	Tue 4/18/17
98	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Wed 4/19/17	Tue 4/25/17
99	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Wed 4/26/17	Mon 5/1/17
100	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Tue 5/2/17	Mon 5/8/17
101	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	36 days	Tue 5/9/17	Wed 6/28/17
102	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
103	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			63 days	Mon 4/3/17	Thu 6/29/17
104	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Mon 4/3/17	Tue 4/18/17
105	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Wed 4/19/17	Tue 4/25/17
106	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Wed 4/26/17	Mon 5/1/17
107	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Tue 5/2/17	Mon 5/8/17
108	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	36 days	Tue 5/9/17	Wed 6/28/17
109	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
110	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			63 days	Mon 4/3/17	Thu 6/29/17
111	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Mon 4/3/17	Tue 4/18/17
112	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Wed 4/19/17	Tue 4/25/17
113	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Wed 4/26/17	Mon 5/1/17
114	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Tue 5/2/17	Mon 5/8/17
115	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	36 days	Tue 5/9/17	Wed 6/28/17
116	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
117	3.4.4	BRAILLE BOOKLETS [Algebra I]			63 days	Mon 4/3/17	Thu 6/29/17
118	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Mon 4/3/17	Mon 4/3/17
119	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	56 days	Tue 4/4/17	Wed 6/21/17
120	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Thu 6/22/17	Wed 6/28/17
121	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
122	3.4.5	BRAILLE BOOKLETS [Literature]			63 days	Mon 4/3/17	Thu 6/29/17
123	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Mon 4/3/17	Mon 4/3/17
124	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	56 days	Tue 4/4/17	Wed 6/21/17
125	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Thu 6/22/17	Wed 6/28/17
126	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
127	3.4.6	BRAILLE BOOKLETS [Biology]			63 days	Mon 4/3/17	Thu 6/29/17
128	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Mon 4/3/17	Mon 4/3/17
129	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	56 days	Tue 4/4/17	Wed 6/21/17
130	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Thu 6/22/17	Wed 6/28/17
131	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
132	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			108 days	Fri 1/27/17	Thu 6/29/17
133	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Fri 1/27/17	Fri 3/31/17
134	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	7 days	Wed 4/5/17	Thu 4/13/17
135	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Fri 4/14/17	Thu 4/20/17
136	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Fri 4/21/17	Wed 4/26/17
137	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Thu 4/27/17	Wed 5/3/17
138	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	39 days	Thu 5/4/17	Wed 6/28/17
139	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
140	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			108 days	Fri 1/27/17	Thu 6/29/17
141	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Fri 1/27/17	Fri 3/31/17
142	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	7 days	Wed 4/5/17	Thu 4/13/17
143	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Fri 4/14/17	Thu 4/20/17
144	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Fri 4/21/17	Wed 4/26/17
145	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Thu 4/27/17	Wed 5/3/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
146	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	39 days	Thu 5/4/17	Wed 6/28/17
147	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
148	3.5	MANUALS			100 days	Fri 1/27/17	Mon 6/19/17
149	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			53 days	Mon 4/3/17	Thu 6/15/17
150	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	15 days	Mon 4/3/17	Fri 4/21/17
151	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Mon 4/24/17	Fri 4/28/17
152	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Mon 5/1/17	Fri 5/5/17
153	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	27 days	Mon 5/8/17	Wed 6/14/17
154	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
155	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]			53 days	Mon 4/3/17	Thu 6/15/17
156	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 4/3/17	Fri 4/21/17
157	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 4/24/17	Thu 4/27/17
158	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 4/28/17	Thu 5/4/17
159	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-PPS	28 days	Fri 5/5/17	Wed 6/14/17
160	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
161	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]			53 days	Mon 4/3/17	Thu 6/15/17
162	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Literature]	DRC-TD	PDE	15 days	Mon 4/3/17	Fri 4/21/17
163	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Mon 4/24/17	Thu 4/27/17
164	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Fri 4/28/17	Thu 5/4/17
165	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-PPS	28 days	Fri 5/5/17	Wed 6/14/17
166	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Literature]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
167	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]			53 days	Mon 4/3/17	Thu 6/15/17
168	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PDF [Biology]	DRC-TD	PDE	15 days	Mon 4/3/17	Fri 4/21/17
169	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Mon 4/24/17	Thu 4/27/17
170	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Fri 4/28/17	Thu 5/4/17
171	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]	DRC-PPS	DRC-PPS	28 days	Fri 5/5/17	Wed 6/14/17
172	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
173	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]			98 days	Fri 1/27/17	Thu 6/15/17
174	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Fri 1/27/17	Fri 3/31/17

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175	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Algebra I]	DRC-TD	PDE	5 days	Thu 5/4/17	Wed 5/10/17
176	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Thu 5/11/17	Tue 5/16/17
177	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Wed 5/17/17	Tue 5/23/17
178	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-PPS	15 days	Wed 5/24/17	Wed 6/14/17
179	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
180	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]			98 days	Fri 1/27/17	Thu 6/15/17
181	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Fri 1/27/17	Fri 3/31/17
182	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Biology]	DRC-TD	PDE	5 days	Thu 5/4/17	Wed 5/10/17
183	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Thu 5/11/17	Tue 5/16/17
184	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Wed 5/17/17	Tue 5/23/17
185	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-PPS	15 days	Wed 5/24/17	Wed 6/14/17
186	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
187	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]			43 days	Mon 4/17/17	Thu 6/15/17
188	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Algebra I]	DRC-TD	PDE	9 days	Mon 4/17/17	Thu 4/27/17
189	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Fri 4/28/17	Wed 5/3/17
190	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Thu 5/4/17	Wed 5/10/17
191	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-PPS	24 days	Thu 5/11/17	Wed 6/14/17
192	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
193	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature]			43 days	Mon 4/17/17	Thu 6/15/17
194	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Literature ONLINE DFA]	DRC-TD	PDE	9 days	Mon 4/17/17	Thu 4/27/17
195	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Fri 4/28/17	Wed 5/3/17
196	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Thu 5/4/17	Wed 5/10/17
197	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	24 days	Thu 5/11/17	Wed 6/14/17
198	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
199	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology]			43 days	Mon 4/17/17	Thu 6/15/17
200	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	9 days	Mon 4/17/17	Thu 4/27/17
201	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Fri 4/28/17	Wed 5/3/17
202	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Thu 5/4/17	Wed 5/10/17
203	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	24 days	Thu 5/11/17	Wed 6/14/17

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204	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
205	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 5/22/17	Mon 6/19/17
206	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 5/22/17	Mon 6/19/17
207	3.6	ANCILLARY MATERIALS			73 days	Mon 3/6/17	Thu 6/15/17
208	3.6.1	REFERENCE SHEETS [Algebra I]			73 days	Mon 3/6/17	Thu 6/15/17
209	3.6.1.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	20 days	Mon 3/6/17	Fri 3/31/17
210	3.6.1.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 4/3/17	Thu 4/6/17
211	3.6.1.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 4/7/17	Thu 4/13/17
212	3.6.1.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	43 days	Fri 4/14/17	Wed 6/14/17
213	3.6.1.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
214	3.6.2	REFERENCE SHEETS [Algebra I Spanish]			39 days	Fri 4/21/17	Thu 6/15/17
215	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Fri 4/21/17	Thu 5/4/17
216	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Fri 5/5/17	Wed 5/10/17
217	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Thu 5/11/17	Wed 5/17/17
218	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	19 days	Thu 5/18/17	Wed 6/14/17
219	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Thu 6/15/17	Thu 6/15/17
220	3.7	ADMINISTRATIVE MATERIALS			38 days	Mon 5/8/17	Thu 6/29/17
221	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			7 days	Wed 6/21/17	Thu 6/29/17
222	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	2 days	Wed 6/21/17	Thu 6/22/17
223	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	4 days	Fri 6/23/17	Wed 6/28/17
224	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
225	3.7.2	LABELS [DRC Return Shipping Labels]			37 days	Tue 5/9/17	Thu 6/29/17
226	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Tue 5/9/17	Tue 5/16/17
227	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Wed 5/17/17	Wed 6/28/17
228	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Thu 6/29/17	Thu 6/29/17
229	3.7.3	UPS RS LABELS			38 days	Mon 5/8/17	Thu 6/29/17
230	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Mon 5/8/17	Fri 5/19/17
231	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Mon 5/22/17	Thu 6/8/17
232	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Thu 6/29/17	Thu 6/29/17

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233	4	TEST MATERIALS PACK AND SHIP			25 days	Thu 6/8/17	Fri 7/14/17
234	4.1	PACK AND SHIP SHIPMENT I			15 days	Thu 6/8/17	Wed 6/28/17
235	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Thu 6/8/17	Mon 6/12/17
236	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Tue 6/13/17	Tue 6/13/17
237	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Fri 6/16/17	Fri 6/16/17
238	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	6 days	Fri 6/16/17	Fri 6/23/17
239	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	6 days	Fri 6/16/17	Fri 6/23/17
240	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Mon 6/26/17	Wed 6/28/17
241	4.2	PACK AND SHIP SHIPMENT II			15 days	Thu 6/22/17	Fri 7/14/17
242	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	3 days	Thu 6/22/17	Mon 6/26/17
243	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Tue 6/27/17	Tue 6/27/17
244	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Fri 6/30/17	Fri 6/30/17
245	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	6 days	Fri 6/30/17	Tue 7/11/17
246	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	6 days	Fri 6/30/17	Tue 7/11/17
247	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Wed 7/12/17	Fri 7/14/17
248	5	ONLINE TESTING PREPARATION			136 days	Mon 1/23/17	Fri 8/4/17
249	5.1	eDIRECT TEST SETUP			34 days	Fri 6/16/17	Fri 8/4/17
250	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 6/16/17	Fri 6/16/17
251	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		33 days	Mon 6/19/17	Fri 8/4/17
252	5.2	TEST ENGINE			95 days	Wed 3/22/17	Fri 8/4/17
253	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Wed 3/22/17	Wed 3/22/17
254	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Fri 6/16/17	Fri 6/16/17
255	5.2.3	Access TEST ENGINE in Production	LEA		33 days	Mon 6/19/17	Fri 8/4/17
256	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			42 days	Mon 5/15/17	Fri 7/14/17
257	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			42 days	Mon 5/15/17	Fri 7/14/17
258	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			14 days	Mon 5/15/17	Fri 6/2/17
259	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Mon 5/15/17	Mon 5/15/17
260	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 5/16/17	Fri 5/19/17

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261	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		5 days	Mon 5/22/17	Fri 5/26/17
262	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 5/30/17	Fri 6/2/17
263	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Mon 6/5/17	Thu 6/22/17
264	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Mon 6/5/17	Thu 6/8/17
265	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Fri 6/9/17	Fri 6/16/17
266	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Mon 6/19/17	Thu 6/22/17
267	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Fri 6/23/17	Fri 7/14/17
268	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Fri 6/23/17	Wed 6/28/17
269	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Thu 6/29/17	Mon 7/10/17
270	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/11/17	Fri 7/14/17
271	5.3.2	ONLINE TEST FORMS PULL [Literature]			42 days	Mon 5/15/17	Fri 7/14/17
272	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			14 days	Mon 5/15/17	Fri 6/2/17
273	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Mon 5/15/17	Mon 5/15/17
274	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 5/16/17	Fri 5/19/17
275	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		5 days	Mon 5/22/17	Fri 5/26/17
276	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 5/30/17	Fri 6/2/17
277	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Mon 6/5/17	Thu 6/22/17
278	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Mon 6/5/17	Thu 6/8/17
279	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Fri 6/9/17	Fri 6/16/17
280	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Mon 6/19/17	Thu 6/22/17
281	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Fri 6/23/17	Fri 7/14/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
282	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Fri 6/23/17	Wed 6/28/17
283	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Thu 6/29/17	Mon 7/10/17
284	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/11/17	Fri 7/14/17
285	5.3.3	ONLINE TEST FORMS PULL [Biology]			42 days	Mon 5/15/17	Fri 7/14/17
286	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			14 days	Mon 5/15/17	Fri 6/2/17
287	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Mon 5/15/17	Mon 5/15/17
288	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 5/16/17	Fri 5/19/17
289	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		5 days	Mon 5/22/17	Fri 5/26/17
290	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 5/30/17	Fri 6/2/17
291	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Mon 6/5/17	Thu 6/22/17
292	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Mon 6/5/17	Thu 6/8/17
293	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Fri 6/9/17	Fri 6/16/17
294	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Mon 6/19/17	Thu 6/22/17
295	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Fri 6/23/17	Fri 7/14/17
296	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Fri 6/23/17	Wed 6/28/17
297	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Thu 6/29/17	Mon 7/10/17
298	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 7/11/17	Fri 7/14/17
299	5.4	ONLINE TESTING SUPPORT MATERIAL			136 days	Mon 1/23/17	Fri 8/4/17
300	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			128 days	Thu 2/2/17	Fri 8/4/17
301	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Thu 2/2/17	Fri 6/9/17
302	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Mon 6/12/17	Fri 6/16/17
303	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		33 days	Mon 6/19/17	Fri 8/4/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
304	5.4.2	ONLINE TUTORIALS			136 days	Mon 1/23/17	Fri 8/4/17
305	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD,Victory		90 days	Mon 1/23/17	Tue 5/30/17
306	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Wed 5/31/17	Tue 6/13/17
307	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 6/14/17	Fri 6/16/17
308	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		33 days	Mon 6/19/17	Fri 8/4/17
309	6	TEST ADMINISTRATION			5 days	Mon 7/31/17	Fri 8/4/17
310	6.1	PAPER TEST IN PROGRESS	LEA		5 days	Mon 7/31/17	Fri 8/4/17
311	6.2	ONLINE TEST IN PROGRESS	LEA		5 days	Mon 7/31/17	Fri 8/4/17
312	7	MATERIALS RETURN AND DOCUMENT PROCESSING			130 days	Thu 6/8/17	Wed 12/13/17
313	7.1	IMAGING			21 days	Thu 6/8/17	Mon 7/10/17
314	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Thu 6/8/17	Thu 6/8/17
315	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Fri 6/9/17	Mon 7/10/17
316	7.2	SECURE MATERIAL			60 days	Fri 8/4/17	Fri 10/27/17
317	7.2.1	SECURE MATERIAL [Algebra I]			16 days	Fri 8/4/17	Fri 8/25/17
318	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	9 days	Fri 8/4/17	Wed 8/16/17
319	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	9 days	Wed 8/9/17	Mon 8/21/17
320	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	9 days	Thu 8/10/17	Tue 8/22/17
321	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	9 days	Fri 8/11/17	Wed 8/23/17
322	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	9 days	Tue 8/15/17	Fri 8/25/17
323	7.2.2	SECURE MATERIAL [Literature]			16 days	Fri 8/4/17	Fri 8/25/17
324	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	9 days	Fri 8/4/17	Wed 8/16/17
325	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	9 days	Wed 8/9/17	Mon 8/21/17
326	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	9 days	Thu 8/10/17	Tue 8/22/17
327	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	9 days	Fri 8/11/17	Wed 8/23/17
328	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	9 days	Tue 8/15/17	Fri 8/25/17
329	7.2.3	SCORABLE MATERIAL [Biology]			16 days	Fri 8/4/17	Fri 8/25/17
330	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	9 days	Fri 8/4/17	Wed 8/16/17
331	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	9 days	Wed 8/9/17	Mon 8/21/17
332	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	9 days	Thu 8/10/17	Tue 8/22/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
333	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	9 days	Fri 8/11/17	Wed 8/23/17
334	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	9 days	Tue 8/15/17	Fri 8/25/17
335	7.2.4	STRAGGLERS			48 days	Tue 8/22/17	Fri 10/27/17
336	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Tue 8/22/17	Tue 8/22/17
337	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Thu 8/24/17	Thu 10/19/17
338	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Fri 10/20/17	Tue 10/24/17
339	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Wed 10/25/17	Fri 10/27/17
340	7.3	MISSING MATERIAL REPORT			90 days	Mon 8/7/17	Wed 12/13/17
341	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Mon 8/7/17	Mon 10/9/17
342	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Mon 8/7/17	Wed 12/13/17
343	8	POST TESTING DATA PROCESSING			225 days	Tue 3/28/17	Thu 2/15/18
344	8.1	DATA PROCESSING FILES			156 days	Tue 3/28/17	Mon 11/6/17
345	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 8/11/17	Fri 8/18/17
346	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 8/11/17	Fri 8/18/17
347	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 8/11/17	Fri 8/18/17
348	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 8/11/17	Fri 8/18/17
349	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 8/11/17	Fri 8/18/17
350	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 8/11/17	Fri 8/18/17
351	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Mon 8/28/17	Wed 8/30/17
352	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
353	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
354	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
355	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Mon 8/28/17	Wed 8/30/17
356	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK [Algebra I]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
357	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK [Literature]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
358	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK [Biology]	DRC-IS	DRC-PS	3 days	Mon 8/28/17	Wed 8/30/17
359	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]			5 days	Thu 9/14/17	Wed 9/20/17
360	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Thu 9/14/17	Wed 9/20/17
361	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Thu 9/14/17	Wed 9/20/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
362	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Thu 9/14/17	Wed 9/20/17
363	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Thu 9/14/17	Wed 9/20/17
364	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Thu 9/14/17	Wed 9/20/17
365	8.1.9	PDE FINAL STUDENT FILE			118 days	Tue 3/28/17	Wed 9/13/17
366	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Tue 3/28/17	Tue 3/28/17
367	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Thu 9/7/17	Thu 9/7/17
368	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Fri 9/8/17	Wed 9/13/17
369	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Thu 9/14/17	Thu 9/14/17
370	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Thu 9/14/17	Thu 9/14/17
371	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Thu 9/14/17	Wed 10/4/17
372	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Thu 9/14/17	Wed 9/27/17
373	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Thu 9/28/17	Wed 10/4/17
374	8.1.12	ANCHOR SUMMARY FILES			15 days	Thu 9/14/17	Wed 10/4/17
375	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Thu 9/14/17	Wed 9/27/17
376	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Thu 9/28/17	Wed 10/4/17
377	8.1.13	PIMS PRECODE AND REPORTING FILES			12 days	Wed 5/17/17	Fri 6/2/17
378	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Wed 5/17/17	Fri 6/2/17
379	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Mon 10/30/17	Mon 11/6/17
380	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Mon 10/30/17	Mon 11/6/17
381	8.2	DATA PROCESSING SYSTEMS			6 days	Thu 2/8/18	Thu 2/15/18
382	8.2.1	CORRECTIONS SYSTEM			6 days	Thu 2/8/18	Thu 2/15/18
383	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Thu 2/8/18	Thu 2/8/18
384	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Fri 2/9/18	Thu 2/15/18
385	9	DATA ANALYSIS			62 days	Mon 8/7/17	Wed 11/1/17
386	9.1	KEY VERIFICATION			4 days	Mon 8/21/17	Thu 8/24/17
387	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Mon 8/21/17	Thu 8/24/17
388	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Mon 8/21/17	Tue 8/22/17
389	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Wed 8/23/17	Thu 8/24/17
390	9.1.2	KEY VERIFICATION [Literature]			4 days	Mon 8/21/17	Thu 8/24/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
391	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Mon 8/21/17	Tue 8/22/17
392	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Wed 8/23/17	Thu 8/24/17
393	9.1.3	KEY VERIFICATION [Biology]			4 days	Mon 8/21/17	Thu 8/24/17
394	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Mon 8/21/17	Tue 8/22/17
395	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Wed 8/23/17	Thu 8/24/17
396	9.2	EQUATING			2 days	Mon 8/7/17	Tue 8/8/17
397	9.2.1	EQUATING			2 days	Mon 8/7/17	Tue 8/8/17
398	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Mon 8/7/17	Tue 8/8/17
399	9.3	ITEM ANALYSIS			4 days	Thu 9/21/17	Tue 9/26/17
400	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Thu 9/21/17	Tue 9/26/17
401	9.4	DATA ANALYSIS			30 days	Thu 9/21/17	Wed 11/1/17
402	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Thu 9/21/17	Wed 10/18/17
403	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Thu 9/21/17	Wed 10/18/17
404	9.4.2	DATA FORENSICS SUMMARY			30 days	Thu 9/21/17	Wed 11/1/17
405	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Thu 9/21/17	Wed 11/1/17
406	10	REPORTING			94 days	Thu 8/10/17	Fri 12/22/17
407	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Thu 9/7/17	Mon 10/16/17
408	10.1.1	ONLINE PARENT LETTERS			6 days	Thu 9/7/17	Thu 9/14/17
409	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Thu 9/7/17	Thu 9/7/17
410	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	4 days	Fri 9/8/17	Wed 9/13/17
411	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Thu 9/14/17	Thu 9/14/17
412	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Thu 9/14/17	Thu 9/14/17
413	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 9/14/17	Thu 9/14/17
414	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 9/14/17	Thu 9/14/17
415	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 9/14/17	Thu 9/14/17
416	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Thu 9/28/17	Mon 10/16/17
417	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Thu 9/28/17	Fri 10/6/17
418	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Mon 10/9/17	Thu 10/12/17
419	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Fri 10/13/17	Mon 10/16/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
420	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Thu 9/14/17	Thu 10/12/17
421	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Thu 9/14/17	Tue 10/3/17
422	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Wed 10/4/17	Tue 10/10/17
423	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Wed 10/11/17	Thu 10/12/17
424	10.2	PRINTED REPORT PRODUCTION			88 days	Thu 8/10/17	Thu 12/14/17
425	10.2.1	INDIVIDUAL STUDENT REPORT			51 days	Thu 8/10/17	Fri 10/20/17
426	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Thu 8/10/17	Wed 8/23/17
427	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Thu 8/24/17	Thu 9/7/17
428	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Thu 9/14/17	Mon 9/25/17
429	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Tue 9/26/17	Thu 10/19/17
430	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Wed 9/27/17	Fri 10/20/17
431	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Mon 12/11/17	Thu 12/14/17
432	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Mon 12/11/17	Mon 12/11/17
433	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Tue 12/12/17	Wed 12/13/17
434	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Thu 12/14/17	Thu 12/14/17
435	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Tue 9/26/17	Tue 10/10/17
436	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Tue 9/26/17	Tue 9/26/17
437	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Wed 9/27/17	Mon 10/2/17
438	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Tue 10/3/17	Tue 10/10/17
439	10.3	REPORTS PACK AND SHIP			58 days	Mon 10/2/17	Fri 12/22/17
440	10.3.1	INDIVIDUAL STUDENT REPORT			20 days	Mon 10/2/17	Fri 10/27/17
441	10.3.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Mon 10/2/17	Mon 10/2/17
442	10.3.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Tue 10/3/17	Mon 10/23/17
443	10.3.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Tue 10/24/17	Tue 10/24/17
444	10.3.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Wed 10/25/17	Fri 10/27/17
445	10.3.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Fri 12/15/17	Fri 12/22/17
446	10.3.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Fri 12/15/17	Mon 12/18/17
447	10.3.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Tue 12/19/17	Tue 12/19/17
448	10.3.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Wed 12/20/17	Fri 12/22/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	KEYSTONE EXAMS: WINTER 2017-2018			358 days	Wed 1/4/17	Mon 6/4/18
2	1	PROJECT ADMINISTRATION			323 days	Wed 1/4/17	Fri 4/13/18
3	1.1	SCOPE			24 days	Wed 1/4/17	Mon 2/6/17
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Wed 1/4/17	Wed 1/4/17
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Fri 2/3/17	Fri 2/3/17
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Mon 2/6/17	Mon 2/6/17
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Mon 2/6/17	Mon 2/6/17
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Mon 2/6/17	Mon 2/6/17
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Wed 1/4/17	Wed 1/4/17
10	1.2	MEETINGS			300 days	Mon 2/6/17	Fri 4/13/18
11	1.2.1	INTERNAL MEETINGS			300 days	Mon 2/6/17	Fri 4/13/18
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Mon 2/6/17	Tue 2/14/17
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Fri 4/13/18	Fri 4/13/18
14	1.2.2	CLIENT MEETINGS			95 days	Thu 9/21/17	Tue 2/6/18
15	1.2.2.1	ADMINISTRATION TRAINING			31 days	Fri 10/6/17	Fri 11/17/17
16	1.2.2.1.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 10/6/17	Fri 10/6/17
17	1.2.2.1.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Mon 10/9/17	Fri 11/10/17
18	1.2.2.1.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 11/13/17	Fri 11/17/17
19	1.2.2.2	TEST ADMINISTRATOR CERTIFICATION TRAINING			87 days	Thu 9/21/17	Thu 1/25/18
20	1.2.2.2.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	87 days	Thu 9/21/17	Thu 1/25/18
21	1.2.2.3	CORRECTIONS WEBEX TRAINING			43 days	Wed 12/6/17	Tue 2/6/18
22	1.2.2.3.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Wed 12/6/17	Wed 12/6/17
23	1.2.2.3.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Thu 12/7/17	Fri 2/2/18
24	1.2.2.3.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Mon 2/5/18	Tue 2/6/18
25	2	TEST FORM PREPARATION			186 days	Wed 4/26/17	Mon 1/22/18
26	2.1	PAPER TEST FORM PREPARATION [Algebra I]			47 days	Wed 4/26/17	Fri 6/30/17
27	2.1.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	30 days	Wed 4/26/17	Wed 6/7/17
28	2.1.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
29	2.1.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
30	2.1.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	2 days	Thu 6/22/17	Fri 6/23/17
31	2.1.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Mon 6/26/17	Fri 6/30/17
32	2.2	PAPER TEST FORM PREPARATION [Literature]			47 days	Wed 4/26/17	Fri 6/30/17
33	2.2.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	30 days	Wed 4/26/17	Wed 6/7/17
34	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17
35	2.2.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
36	2.2.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	2 days	Thu 6/22/17	Fri 6/23/17
37	2.2.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Mon 6/26/17	Fri 6/30/17
38	2.3	PAPER TEST FORM PREPARATION [Biology]			47 days	Wed 4/26/17	Fri 6/30/17
39	2.3.1	Develop TEST DESIGNS [Biology]	DRC-TD	PDE	30 days	Wed 4/26/17	Wed 6/7/17
40	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17
41	2.3.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
42	2.3.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	2 days	Thu 6/22/17	Fri 6/23/17
43	2.3.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Mon 6/26/17	Fri 6/30/17
44	2.4	ONLINE TEST FORM PREPARATION [Algebra I]			65 days	Thu 6/8/17	Mon 9/11/17
45	2.4.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17
46	2.4.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
47	2.4.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Thu 6/22/17	Fri 7/28/17
48	2.4.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	30 days	Mon 7/31/17	Mon 9/11/17
49	2.5	ONLINE TEST FORM PREPARATION [Literature]			65 days	Thu 6/8/17	Mon 9/11/17
50	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17
51	2.5.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
52	2.5.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Thu 6/22/17	Fri 7/28/17
53	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	30 days	Mon 7/31/17	Mon 9/11/17
54	2.6	ONLINE TEST FORM PREPARATION [Biology]			156 days	Thu 6/8/17	Mon 1/22/18
55	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Thu 6/8/17	Wed 6/14/17
56	2.6.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Thu 6/15/17	Wed 6/21/17
57	2.6.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Thu 6/22/17	Fri 7/28/17

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58	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	30 days	Mon 7/31/17	Mon 9/11/17
59	2.6.5	eDIRECT			140 days	Fri 6/30/17	Mon 1/22/18
60	2.6.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Fri 6/30/17	Fri 6/30/17
61	2.6.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Fri 6/30/17	Fri 6/30/17
62	2.6.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Wed 7/5/17	Tue 7/11/17
63	2.6.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Wed 7/5/17	Tue 7/11/17
64	2.6.5.3	eDIRECT MATERIALS RECEIPT NOTICE			64 days	Thu 10/19/17	Mon 1/22/18
65	2.6.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Thu 10/19/17	Thu 10/19/17
66	2.6.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		63 days	Fri 10/20/17	Mon 1/22/18
67	2.6.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			64 days	Thu 10/19/17	Mon 1/22/18
68	2.6.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Thu 10/19/17	Thu 10/19/17
69	2.6.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		63 days	Fri 10/20/17	Mon 1/22/18
70	2.6.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			63 days	Thu 10/19/17	Fri 1/19/18
71	2.6.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Thu 10/19/17	Thu 10/19/17
72	2.6.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		56 days	Mon 10/30/17	Fri 1/19/18
73	2.6.5.6	eDIRECT ENROLLMENT SYSTEM			19 days	Mon 8/21/17	Fri 9/15/17
74	2.6.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Mon 8/21/17	Fri 8/25/17
75	2.6.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Mon 8/28/17	Mon 8/28/17
76	2.6.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Mon 9/11/17	Fri 9/15/17
77	3	STANDARD PRINT MATERIALS			256 days	Wed 5/3/17	Tue 5/8/18
78	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			84 days	Wed 7/5/17	Tue 10/31/17
79	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	5 days	Wed 7/5/17	Tue 7/11/17
80	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	4 days	Wed 7/12/17	Mon 7/17/17
81	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 7/18/17	Fri 7/21/17
82	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 7/24/17	Fri 7/28/17
83	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	65 days	Mon 7/31/17	Mon 10/30/17
84	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
85	3.2	TEST AND ANSWER BOOKLETS [Literature]			84 days	Wed 7/5/17	Tue 10/31/17
86	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	5 days	Wed 7/5/17	Tue 7/11/17

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87	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	4 days	Wed 7/12/17	Mon 7/17/17
88	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Tue 7/18/17	Fri 7/21/17
89	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Mon 7/24/17	Fri 7/28/17
90	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	65 days	Mon 7/31/17	Mon 10/30/17
91	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
92	3.3	TEST AND ANSWER BOOKLETS [Biology]			84 days	Wed 7/5/17	Tue 10/31/17
93	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	5 days	Wed 7/5/17	Tue 7/11/17
94	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	4 days	Wed 7/12/17	Mon 7/17/17
95	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Tue 7/18/17	Fri 7/21/17
96	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Mon 7/24/17	Fri 7/28/17
97	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	65 days	Mon 7/31/17	Mon 10/30/17
98	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
99	3.4	ACCOMMODATED MATERIALS			84 days	Wed 7/5/17	Tue 10/31/17
100	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			66 days	Mon 7/31/17	Tue 10/31/17
101	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Mon 7/31/17	Tue 8/15/17
102	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Wed 8/16/17	Tue 8/22/17
103	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Wed 8/23/17	Mon 8/28/17
104	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Tue 8/29/17	Tue 9/5/17
105	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	39 days	Wed 9/6/17	Mon 10/30/17
106	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
107	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			66 days	Mon 7/31/17	Tue 10/31/17
108	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Mon 7/31/17	Tue 8/15/17
109	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Wed 8/16/17	Tue 8/22/17
110	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Wed 8/23/17	Mon 8/28/17
111	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Tue 8/29/17	Tue 9/5/17
112	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	39 days	Wed 9/6/17	Mon 10/30/17
113	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
114	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			66 days	Mon 7/31/17	Tue 10/31/17
115	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Mon 7/31/17	Tue 8/15/17

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116	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Wed 8/16/17	Tue 8/22/17
117	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Wed 8/23/17	Mon 8/28/17
118	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Tue 8/29/17	Tue 9/5/17
119	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	39 days	Wed 9/6/17	Mon 10/30/17
120	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
121	3.4.4	BRAILLE BOOKLETS [Algebra I]			66 days	Mon 7/31/17	Tue 10/31/17
122	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Mon 7/31/17	Mon 7/31/17
123	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	59 days	Tue 8/1/17	Mon 10/23/17
124	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Tue 10/24/17	Mon 10/30/17
125	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
126	3.4.5	BRAILLE BOOKLETS [Literature]			66 days	Mon 7/31/17	Tue 10/31/17
127	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Mon 7/31/17	Mon 7/31/17
128	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	59 days	Tue 8/1/17	Mon 10/23/17
129	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Tue 10/24/17	Mon 10/30/17
130	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
131	3.4.6	BRAILLE BOOKLETS [Biology]			66 days	Mon 7/31/17	Tue 10/31/17
132	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Mon 7/31/17	Mon 7/31/17
133	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	59 days	Tue 8/1/17	Mon 10/23/17
134	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Tue 10/24/17	Mon 10/30/17
135	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
136	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			84 days	Wed 7/5/17	Tue 10/31/17
137	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	25 days	Wed 7/5/17	Tue 8/8/17
138	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	10 days	Wed 8/9/17	Tue 8/22/17
139	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 8/23/17	Tue 8/29/17
140	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Wed 8/30/17	Tue 9/5/17
141	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/6/17	Tue 9/12/17
142	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	34 days	Wed 9/13/17	Mon 10/30/17
143	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
144	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			84 days	Wed 7/5/17	Tue 10/31/17

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145	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	25 days	Wed 7/5/17	Tue 8/8/17
146	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	10 days	Wed 8/9/17	Tue 8/22/17
147	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 8/23/17	Tue 8/29/17
148	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Wed 8/30/17	Tue 9/5/17
149	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/6/17	Tue 9/12/17
150	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	34 days	Wed 9/13/17	Mon 10/30/17
151	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 10/31/17	Tue 10/31/17
152	3.5	MANUALS			119 days	Wed 5/3/17	Fri 10/20/17
153	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			58 days	Wed 5/3/17	Wed 7/26/17
154	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	20 days	Wed 5/3/17	Wed 5/31/17
155	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Thu 6/1/17	Wed 6/7/17
156	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Thu 6/8/17	Wed 6/14/17
157	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	27 days	Thu 6/15/17	Tue 7/25/17
158	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Wed 7/26/17	Wed 7/26/17
159	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]			56 days	Mon 7/31/17	Tue 10/17/17
160	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 7/31/17	Fri 8/18/17
161	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 8/21/17	Thu 8/24/17
162	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 8/25/17	Thu 8/31/17
163	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-PPS	31 days	Fri 9/1/17	Mon 10/16/17
164	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
165	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]			56 days	Mon 7/31/17	Tue 10/17/17
166	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Literature]	DRC-TD	PDE	15 days	Mon 7/31/17	Fri 8/18/17
167	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Mon 8/21/17	Thu 8/24/17
168	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Fri 8/25/17	Thu 8/31/17
169	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-PPS	31 days	Fri 9/1/17	Mon 10/16/17
170	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
171	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]			56 days	Mon 7/31/17	Tue 10/17/17
172	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Biology]	DRC-TD	PDE	15 days	Mon 7/31/17	Fri 8/18/17
173	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Mon 8/21/17	Thu 8/24/17

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174	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Fri 8/25/17	Thu 8/31/17
175	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-PPS	31 days	Fri 9/1/17	Mon 10/16/17
176	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
177	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Algebra I]			74 days	Wed 7/5/17	Tue 10/17/17
178	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Wed 7/5/17	Wed 9/6/17
179	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Algebra I]	DRC-TD	PDE	8 days	Wed 9/13/17	Fri 9/22/17
180	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	3 days	Mon 9/25/17	Wed 9/27/17
181	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Algebra I]	DRC-TD	DRC-PPS	4 days	Thu 9/28/17	Tue 10/3/17
182	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Algebra I]	DRC-PPS	DRC-PPS	9 days	Wed 10/4/17	Mon 10/16/17
183	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
184	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Biology]			74 days	Wed 7/5/17	Tue 10/17/17
185	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Wed 7/5/17	Wed 9/6/17
186	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PDF [Biology]	DRC-TD	PDE	8 days	Wed 9/13/17	Fri 9/22/17
187	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	3 days	Mon 9/25/17	Wed 9/27/17
188	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS to Print [Biology]	DRC-TD	DRC-PPS	4 days	Thu 9/28/17	Tue 10/3/17
189	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Biology]	DRC-PPS	DRC-PPS	9 days	Wed 10/4/17	Mon 10/16/17
190	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Biology]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
191	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]			46 days	Mon 8/14/17	Tue 10/17/17
192	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 8/14/17	Fri 9/1/17
193	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 9/5/17	Fri 9/8/17
194	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 9/11/17	Fri 9/15/17
195	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-PPS	21 days	Mon 9/18/17	Mon 10/16/17
196	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
197	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature]			46 days	Mon 8/14/17	Tue 10/17/17
198	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Literature ONLINE DFA]	DRC-TD	PDE	15 days	Mon 8/14/17	Fri 9/1/17
199	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 9/5/17	Fri 9/8/17
200	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 9/11/17	Fri 9/15/17
201	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	21 days	Mon 9/18/17	Mon 10/16/17
202	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17

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203	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology]			46 days	Mon 8/14/17	Tue 10/17/17
204	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	15 days	Mon 8/14/17	Fri 9/1/17
205	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 9/5/17	Fri 9/8/17
206	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 9/11/17	Fri 9/15/17
207	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	21 days	Mon 9/18/17	Mon 10/16/17
208	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
209	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 9/25/17	Fri 10/20/17
210	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 9/25/17	Fri 10/20/17
211	3.6	ANCILLARY MATERIALS			209 days	Wed 7/12/17	Tue 5/8/18
212	3.6.1	ASSESSMENT UPDATE			190 days	Tue 8/8/17	Tue 5/8/18
213	3.6.1.1	Deliver SPRING ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Wed 4/4/18	Tue 5/8/18
214	3.6.1.2	Deliver SUMMER/FALL ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Tue 8/8/17	Tue 9/12/17
215	3.6.2	REFERENCE SHEETS [Algebra I]			69 days	Wed 7/12/17	Tue 10/17/17
216	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	13 days	Wed 7/12/17	Fri 7/28/17
217	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 7/31/17	Thu 8/3/17
218	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 8/4/17	Thu 8/10/17
219	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	46 days	Fri 8/11/17	Mon 10/16/17
220	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
221	3.6.3	REFERENCE SHEETS [Algebra I Spanish]			39 days	Wed 8/23/17	Tue 10/17/17
222	3.6.3.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Wed 8/23/17	Wed 9/6/17
223	3.6.3.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Thu 9/7/17	Tue 9/12/17
224	3.6.3.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 9/13/17	Tue 9/19/17
225	3.6.3.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	19 days	Wed 9/20/17	Mon 10/16/17
226	3.6.3.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Tue 10/17/17	Tue 10/17/17
227	3.7	ADMINISTRATIVE MATERIALS			33 days	Mon 9/18/17	Wed 11/1/17
228	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			11 days	Wed 10/18/17	Wed 11/1/17
229	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	3 days	Wed 10/18/17	Fri 10/20/17
230	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	7 days	Mon 10/23/17	Tue 10/31/17
231	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Wed 11/1/17	Wed 11/1/17

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232	3.7.2	LABELS [DRC Return Shipping Labels]			33 days	Mon 9/18/17	Wed 11/1/17
233	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Mon 9/18/17	Mon 9/25/17
234	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	26 days	Tue 9/26/17	Tue 10/31/17
235	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Wed 11/1/17	Wed 11/1/17
236	3.7.3	UPS RS LABELS			33 days	Mon 9/18/17	Wed 11/1/17
237	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Mon 9/18/17	Fri 9/29/17
238	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	8 days	Mon 10/2/17	Wed 10/11/17
239	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Wed 11/1/17	Wed 11/1/17
240	4	TEST MATERIALS PACK AND SHIP			45 days	Wed 10/18/17	Thu 12/21/17
241	4.1	PACK AND SHIP SHIPMENT I			11 days	Wed 10/18/17	Wed 11/1/17
242	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Wed 10/18/17	Fri 10/20/17
243	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Mon 10/23/17	Mon 10/23/17
244	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Wed 10/18/17	Wed 10/18/17
245	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	8 days	Wed 10/18/17	Fri 10/27/17
246	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	8 days	Wed 10/18/17	Fri 10/27/17
247	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Mon 10/30/17	Wed 11/1/17
248	4.2	PACK AND SHIP SHIPMENT II			12 days	Wed 11/1/17	Thu 11/16/17
249	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	3 days	Wed 11/1/17	Fri 11/3/17
250	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Mon 11/6/17	Mon 11/6/17
251	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Thu 11/2/17	Thu 11/2/17
252	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Thu 11/2/17	Mon 11/13/17
253	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Thu 11/2/17	Mon 11/13/17
254	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Tue 11/14/17	Thu 11/16/17
255	4.3	PACK AND SHIP Shipment III			15 days	Fri 12/1/17	Thu 12/21/17
256	4.3.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment III]	DRC-IS	DRC-MAT	3 days	Fri 12/1/17	Tue 12/5/17
257	4.3.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment III]	DRC-MAT	DRC-MAT	1 day	Wed 12/6/17	Wed 12/6/17
258	4.3.3	Walkthrough of MATERIALS SHIPMENT [Shipment III]	DRC-EPM	DRC-MAT	1 day	Thu 12/7/17	Thu 12/7/17
259	4.3.4	Package MATERIALS [Shipment III]	DRC-MAT	UPS	8 days	Thu 12/7/17	Mon 12/18/17
260	4.3.5	Ship MATERIALS [Shipment III]	UPS	LEA	8 days	Thu 12/7/17	Mon 12/18/17

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261	4.3.6	MATERIALS Due in District [Shipment III]	LEA		3 days	Tue 12/19/17	Thu 12/21/17
262	5	ONLINE TESTING PREPARATION			158 days	Wed 6/14/17	Tue 1/30/18
263	5.1	eDIRECT TEST SETUP			70 days	Wed 10/11/17	Mon 1/22/18
264	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Wed 10/11/17	Wed 10/11/17
265	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		69 days	Thu 10/12/17	Mon 1/22/18
266	5.2	TEST ENGINE			124 days	Wed 7/26/17	Mon 1/22/18
267	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Wed 7/26/17	Wed 7/26/17
268	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Wed 10/11/17	Wed 10/11/17
269	5.2.3	Access TEST ENGINE in Production	LEA		69 days	Thu 10/12/17	Mon 1/22/18
270	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			43 days	Tue 9/12/17	Thu 11/9/17
271	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			43 days	Tue 9/12/17	Thu 11/9/17
272	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			15 days	Tue 9/12/17	Mon 10/2/17
273	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Tue 9/12/17	Tue 9/12/17
274	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/13/17	Mon 9/18/17
275	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Tue 9/19/17	Tue 9/26/17
276	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/27/17	Mon 10/2/17
277	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Tue 10/3/17	Fri 10/20/17
278	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/3/17	Fri 10/6/17
279	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Mon 10/9/17	Mon 10/16/17
280	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/17/17	Fri 10/20/17
281	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Mon 10/23/17	Thu 11/9/17
282	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/23/17	Thu 10/26/17
283	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/27/17	Fri 11/3/17

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284	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/6/17	Thu 11/9/17
285	5.3.2	ONLINE TEST FORMS PULL [Literature]			43 days	Tue 9/12/17	Thu 11/9/17
286	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			15 days	Tue 9/12/17	Mon 10/2/17
287	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Tue 9/12/17	Tue 9/12/17
288	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/13/17	Mon 9/18/17
289	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		6 days	Tue 9/19/17	Tue 9/26/17
290	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/27/17	Mon 10/2/17
291	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Tue 10/3/17	Fri 10/20/17
292	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/3/17	Fri 10/6/17
293	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Mon 10/9/17	Mon 10/16/17
294	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/17/17	Fri 10/20/17
295	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Mon 10/23/17	Thu 11/9/17
296	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/23/17	Thu 10/26/17
297	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/27/17	Fri 11/3/17
298	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/6/17	Thu 11/9/17
299	5.3.3	ONLINE TEST FORMS PULL [Biology]			43 days	Tue 9/12/17	Thu 11/9/17
300	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			15 days	Tue 9/12/17	Mon 10/2/17
301	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Tue 9/12/17	Tue 9/12/17
302	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 9/13/17	Mon 9/18/17
303	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		6 days	Tue 9/19/17	Tue 9/26/17
304	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 9/27/17	Mon 10/2/17

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305	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Tue 10/3/17	Fri 10/20/17
306	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Tue 10/3/17	Fri 10/6/17
307	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Mon 10/9/17	Mon 10/16/17
308	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Tue 10/17/17	Fri 10/20/17
309	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Mon 10/23/17	Thu 11/9/17
310	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Mon 10/23/17	Thu 10/26/17
311	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Fri 10/27/17	Fri 11/3/17
312	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Mon 11/6/17	Thu 11/9/17
313	5.4	ONLINE TESTING SUPPORT MATERIAL			158 days	Wed 6/14/17	Tue 1/30/18
314	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			152 days	Wed 6/14/17	Mon 1/22/18
315	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	78 days	Wed 6/14/17	Wed 10/4/17
316	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Thu 10/5/17	Wed 10/11/17
317	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		69 days	Thu 10/12/17	Mon 1/22/18
318	5.4.2	ONLINE TUTORIALS			158 days	Wed 6/14/17	Tue 1/30/18
319	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD,Victory		76 days	Wed 6/14/17	Mon 10/2/17
320	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Tue 10/3/17	Mon 10/16/17
321	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Tue 10/17/17	Thu 10/19/17
322	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		69 days	Fri 10/20/17	Tue 1/30/18
323	6	TEST ADMINISTRATION			34 days	Mon 12/4/17	Mon 1/22/18
324	6.1	PAPER TEST IN PROGRESS [Wave I]	LEA		10 days	Mon 12/4/17	Fri 12/15/17
325	6.2	ONLINE TEST IN PROGRESS [Wave I]	LEA		10 days	Mon 12/4/17	Fri 12/15/17
326	6.3	PAPER TEST IN PROGRESS [Wave II]	LEA		11 days	Mon 1/8/18	Mon 1/22/18
327	6.4	ONLINE TEST IN PROGRESS [Wave II]	LEA		11 days	Mon 1/8/18	Mon 1/22/18
328	7	MATERIALS RETURN AND DOCUMENT PROCESSING			164 days	Thu 10/5/17	Wed 5/30/18
329	7.1	IMAGING			21 days	Thu 10/5/17	Thu 11/2/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
330	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Thu 10/5/17	Thu 10/5/17
331	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Fri 10/6/17	Thu 11/2/17
332	7.2	SECURE MATERIAL			85 days	Fri 12/8/17	Tue 4/10/18
333	7.2.1	SECURE MATERIAL [Algebra I]			46 days	Fri 12/8/17	Tue 2/13/18
334	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	34 days	Fri 12/8/17	Fri 1/26/18
335	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	34 days	Wed 12/13/17	Wed 1/31/18
336	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	34 days	Thu 12/14/17	Thu 2/1/18
337	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	34 days	Fri 12/15/17	Fri 2/2/18
338	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	39 days	Tue 12/19/17	Tue 2/13/18
339	7.2.2	SECURE MATERIAL [Literature]			46 days	Fri 12/8/17	Tue 2/13/18
340	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	34 days	Fri 12/8/17	Fri 1/26/18
341	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	34 days	Wed 12/13/17	Wed 1/31/18
342	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	34 days	Thu 12/14/17	Thu 2/1/18
343	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	34 days	Fri 12/15/17	Fri 2/2/18
344	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	39 days	Tue 12/19/17	Tue 2/13/18
345	7.2.3	SCORABLE MATERIAL [Biology]			46 days	Fri 12/8/17	Tue 2/13/18
346	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	34 days	Fri 12/8/17	Fri 1/26/18
347	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	34 days	Wed 12/13/17	Wed 1/31/18
348	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	34 days	Thu 12/14/17	Thu 2/1/18
349	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	34 days	Fri 12/15/17	Fri 2/2/18
350	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	39 days	Tue 12/19/17	Tue 2/13/18
351	7.2.4	STRAGGLERS			48 days	Thu 2/1/18	Tue 4/10/18
352	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Thu 2/1/18	Thu 2/1/18
353	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Mon 2/5/18	Mon 4/2/18
354	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Tue 4/3/18	Thu 4/5/18
355	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Fri 4/6/18	Tue 4/10/18
356	7.3	MISSING MATERIAL REPORT			90 days	Tue 1/23/18	Wed 5/30/18
357	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Tue 1/23/18	Tue 3/27/18
358	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Tue 1/23/18	Wed 5/30/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
359	8	POST TESTING DATA PROCESSING			246 days	Thu 4/27/17	Wed 4/18/18
360	8.1	DATA PROCESSING FILES			246 days	Thu 4/27/17	Wed 4/18/18
361	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 12/15/17	Fri 12/22/17
362	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 12/15/17	Fri 12/22/17
363	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 12/15/17	Fri 12/22/17
364	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 12/15/17	Fri 12/22/17
365	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 12/15/17	Fri 12/22/17
366	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 12/15/17	Fri 12/22/17
367	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Wed 2/14/18	Fri 2/16/18
368	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
369	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
370	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
371	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Wed 2/14/18	Fri 2/16/18
372	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK [Algebra I]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
373	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK [Literature]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
374	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK [Biology]	DRC-IS	DRC-PS	3 days	Wed 2/14/18	Fri 2/16/18
375	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anaylsis]			5 days	Wed 2/28/18	Tue 3/6/18
376	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Wed 2/28/18	Tue 3/6/18
377	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Wed 2/28/18	Tue 3/6/18
378	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Wed 2/28/18	Tue 3/6/18
379	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Wed 2/28/18	Tue 3/6/18
380	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Wed 2/28/18	Tue 3/6/18
381	8.1.9	PDE FINAL STUDENT FILE			210 days	Thu 4/27/17	Tue 2/27/18
382	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Thu 4/27/17	Thu 4/27/17
383	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Wed 2/21/18	Wed 2/21/18
384	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Thu 2/22/18	Tue 2/27/18
385	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Wed 2/28/18	Wed 2/28/18
386	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Wed 2/28/18	Wed 2/28/18
387	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Wed 2/28/18	Tue 3/20/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
388	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Wed 2/28/18	Tue 3/13/18
389	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Wed 3/14/18	Tue 3/20/18
390	8.1.12	ANCHOR SUMMARY FILES			15 days	Wed 2/28/18	Tue 3/20/18
391	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Wed 2/28/18	Tue 3/13/18
392	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Wed 3/14/18	Tue 3/20/18
393	8.1.13	PIMS PRECODE AND REPORTING FILES			94 days	Thu 9/21/17	Mon 2/5/18
394	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Thu 9/21/17	Fri 10/6/17
395	8.1.13.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	12 days	Fri 1/19/18	Mon 2/5/18
396	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Wed 4/11/18	Wed 4/18/18
397	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Wed 4/11/18	Wed 4/18/18
398	8.2	DATA PROCESSING SYSTEMS			6 days	Thu 2/8/18	Thu 2/15/18
399	8.2.1	CORRECTIONS SYSTEM			6 days	Thu 2/8/18	Thu 2/15/18
400	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Thu 2/8/18	Thu 2/8/18
401	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Fri 2/9/18	Thu 2/15/18
402	9	DATA ANALYSIS			93 days	Tue 12/5/17	Tue 4/17/18
403	9.1	KEY VERIFICATION			4 days	Tue 12/26/17	Fri 12/29/17
404	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Tue 12/26/17	Fri 12/29/17
405	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Tue 12/26/17	Wed 12/27/17
406	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Thu 12/28/17	Fri 12/29/17
407	9.1.2	KEY VERIFICATION [Literature]			4 days	Tue 12/26/17	Fri 12/29/17
408	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Tue 12/26/17	Wed 12/27/17
409	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Thu 12/28/17	Fri 12/29/17
410	9.1.3	KEY VERIFICATION [Biology]			4 days	Tue 12/26/17	Fri 12/29/17
411	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Tue 12/26/17	Wed 12/27/17
412	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Thu 12/28/17	Fri 12/29/17
413	9.2	EQUATING			2 days	Tue 12/5/17	Wed 12/6/17
414	9.2.1	EQUATING			2 days	Tue 12/5/17	Wed 12/6/17
415	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Tue 12/5/17	Wed 12/6/17
416	9.3	ITEM ANALYSIS			4 days	Wed 3/7/18	Mon 3/12/18

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417	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Wed 3/7/18	Mon 3/12/18
418	9.4	DATA ANALYSIS			30 days	Wed 3/7/18	Tue 4/17/18
419	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Wed 3/7/18	Tue 4/3/18
420	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Wed 3/7/18	Tue 4/3/18
421	9.4.2	DATA FORENSICS SUMMARY			30 days	Wed 3/7/18	Tue 4/17/18
422	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Wed 3/7/18	Tue 4/17/18
423	10	REPORTING			148 days	Wed 11/1/17	Mon 6/4/18
424	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Wed 2/21/18	Fri 3/30/18
425	10.1.1	ONLINE PARENT LETTERS			7 days	Wed 2/21/18	Thu 3/1/18
426	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Wed 2/21/18	Wed 2/21/18
427	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	5 days	Thu 2/22/18	Wed 2/28/18
428	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Thu 3/1/18	Thu 3/1/18
429	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Thu 3/1/18	Thu 3/1/18
430	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 3/1/18	Thu 3/1/18
431	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 3/1/18	Thu 3/1/18
432	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 3/1/18	Thu 3/1/18
433	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Wed 3/14/18	Fri 3/30/18
434	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Wed 3/14/18	Thu 3/22/18
435	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Fri 3/23/18	Wed 3/28/18
436	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Thu 3/29/18	Fri 3/30/18
437	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Wed 2/28/18	Wed 3/28/18
438	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Wed 2/28/18	Mon 3/19/18
439	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Tue 3/20/18	Mon 3/26/18
440	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Tue 3/27/18	Wed 3/28/18
441	10.2	PRINTED REPORT PRODUCTION			142 days	Wed 11/1/17	Thu 5/24/18
442	10.2.1	INDIVIDUAL STUDENT REPORT			107 days	Wed 11/1/17	Thu 4/5/18
443	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Wed 11/1/17	Tue 11/14/17
444	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Wed 11/15/17	Thu 11/30/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
445	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Wed 2/28/18	Fri 3/9/18
446	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Mon 3/12/18	Wed 4/4/18
447	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Tue 3/13/18	Thu 4/5/18
448	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Mon 5/21/18	Thu 5/24/18
449	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Mon 5/21/18	Mon 5/21/18
450	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Tue 5/22/18	Wed 5/23/18
451	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Thu 5/24/18	Thu 5/24/18
452	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Mon 3/12/18	Mon 3/26/18
453	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Mon 3/12/18	Mon 3/12/18
454	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Tue 3/13/18	Fri 3/16/18
455	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Mon 3/19/18	Mon 3/26/18
456	10.3	REPORTS PACK AND SHIP			56 days	Fri 3/16/18	Mon 6/4/18
457	10.3.1	INDIVIDUAL STUDENT REPORT			20 days	Fri 3/16/18	Thu 4/12/18
458	10.3.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Fri 3/16/18	Fri 3/16/18
459	10.3.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Mon 3/19/18	Fri 4/6/18
460	10.3.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Mon 4/9/18	Mon 4/9/18
461	10.3.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Tue 4/10/18	Thu 4/12/18
462	10.3.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Fri 5/25/18	Mon 6/4/18
463	10.3.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Fri 5/25/18	Tue 5/29/18
464	10.3.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Wed 5/30/18	Wed 5/30/18
465	10.3.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Thu 5/31/18	Mon 6/4/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
1	0	KEYSTONE EXAMS: SPRING 2017-2018			446 days	Thu 1/5/17	Tue 10/9/18
2	1	PROJECT ADMINISTRATION			351 days	Fri 3/31/17	Mon 8/20/18
3	1.1	SCOPE			66 days	Fri 3/31/17	Wed 7/5/17
4	1.1.1	Complete PROJECT SCOPE STATEMENT	DRC-EPM	PDE	1 day	Fri 3/31/17	Fri 3/31/17
5	1.1.2	Verify STAFFING	DRC-EPM	DRC	1 day	Fri 6/30/17	Fri 6/30/17
6	1.1.3	Identify SCORING SITES	DRC-EPM	DRC-PAS	1 day	Wed 7/5/17	Wed 7/5/17
7	1.1.4	Identify PROCESSING SITES	DRC-EPM	DRC-IS	1 day	Wed 7/5/17	Wed 7/5/17
8	1.1.5	Identify SCANNING TECHNOLOGY	DRC-EPM	DRC-IS	1 day	Wed 7/5/17	Wed 7/5/17
9	1.1.6	Develop MASTER PROJECT SCHEDULE	DRC-EPM	PDE	1 day	Fri 3/31/17	Fri 3/31/17
10	1.2	MEETINGS			330 days	Mon 5/1/17	Mon 8/20/18
11	1.2.1	INTERNAL MEETINGS			256 days	Wed 8/16/17	Mon 8/20/18
12	1.2.1.1	Conduct KICKOFF MEETING	DRC-EPM	DRC	7 days	Wed 8/16/17	Thu 8/24/17
13	1.2.1.2	Conduct POST TEST PROJECT CLOSURE MEETING	DRC-EPM	DRC	1 day	Mon 8/20/18	Mon 8/20/18
14	1.2.2	CLIENT MEETINGS			192 days	Fri 6/30/17	Thu 4/5/18
15	1.2.3	PLANNING MEETING [Meeting #1]			24 days	Mon 5/1/17	Fri 6/2/17
16	1.2.3.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Mon 5/1/17	Mon 5/1/17
17	1.2.3.2	Complete PLANNING MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 5/2/17	Mon 5/22/17
18	1.2.3.3	Conduct PLANNING MEETING [Meeting #1]	DRC,PDE	DRC,PDE	3 days	Tue 5/23/17	Thu 5/25/17
19	1.2.3.4	Complete PLANNING MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Fri 5/26/17	Fri 6/2/17
20	1.2.4	PLANNING MEETING [Meeting #2]			24 days	Tue 1/23/18	Mon 2/26/18
21	1.2.4.1	Deliver PLANNING MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 1/23/18	Tue 1/23/18
22	1.2.4.2	Complete PLANNING MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 1/24/18	Tue 2/13/18
23	1.2.4.3	Conduct PLANNING MEETING [Meeting #2]	DRC,PDE	DRC,PDE	3 days	Wed 2/14/18	Fri 2/16/18
24	1.2.4.4	Complete PLANNING MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Tue 2/20/18	Mon 2/26/18
25	1.2.5	MANAGEMENT MEETING [Meeting #1]			23 days	Fri 8/18/17	Wed 9/20/17
26	1.2.5.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 8/18/17	Fri 8/18/17
27	1.2.5.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #1]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Mon 8/21/17	Mon 9/11/17
28	1.2.5.3	Conduct MANAGEMENT MEETING [Meeting #1]	DRC,PDE	DRC,PDE	2 days	Tue 9/12/17	Wed 9/13/17
29	1.2.5.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #1]	DRC-EPM	PDE	5 days	Thu 9/14/17	Wed 9/20/17

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30	1.2.6	MANAGEMENT MEETING [Meeting #2]			25 days	Mon 11/13/17	Tue 12/19/17
31	1.2.6.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	3 days	Mon 11/13/17	Wed 11/15/17
32	1.2.6.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #2]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Thu 11/16/17	Fri 12/8/17
33	1.2.6.3	Conduct MANAGEMENT MEETING [Meeting #2]	DRC,PDE	DRC,PDE	2 days	Mon 12/11/17	Tue 12/12/17
34	1.2.6.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #2]	DRC-EPM	PDE	5 days	Wed 12/13/17	Tue 12/19/17
35	1.2.7	MANAGEMENT MEETING [Meeting #3]			23 days	Mon 3/19/18	Wed 4/18/18
36	1.2.7.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Mon 3/19/18	Mon 3/19/18
37	1.2.7.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #3]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Tue 3/20/18	Mon 4/9/18
38	1.2.7.3	Conduct MANAGEMENT MEETING [Meeting #3]	DRC,PDE	DRC,PDE	2 days	Tue 4/10/18	Wed 4/11/18
39	1.2.7.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #3]	DRC-EPM	PDE	5 days	Thu 4/12/18	Wed 4/18/18
40	1.2.8	MANAGEMENT MEETING [Meeting #4]			23 days	Tue 6/12/18	Fri 7/13/18
41	1.2.8.1	Deliver MANAGEMENT MEETING REQUIREMENTS [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Tue 6/12/18	Tue 6/12/18
42	1.2.8.2	Complete MANAGEMENT MEETING PREPARATION [Meeting #4]	DRC-EPM,PDE	DRC-EPM,PDE	15 days	Wed 6/13/18	Tue 7/3/18
43	1.2.8.3	Conduct MANAGEMENT MEETING [Meeting #4]	DRC,PDE	DRC,PDE	2 days	Thu 7/5/18	Fri 7/6/18
44	1.2.8.4	Complete MANAGEMENT MEETING SUMMARIES [Meeting #4]	DRC-EPM	PDE	5 days	Mon 7/9/18	Fri 7/13/18
45	1.2.9	TRAININGS			73 days	Fri 3/2/18	Wed 6/13/18
46	1.2.9.1	ADMINISTRATION TRAINING			31 days	Fri 3/2/18	Fri 4/13/18
47	1.2.9.1.1	Deliver ADMINISTRATION TRAINING REQUIREMENTS	DRC-EPM,PDE	DRC-EPM,PDE	1 day	Fri 3/2/18	Fri 3/2/18
48	1.2.9.1.2	Complete ADMINISTRATION TRAINING PREPARATION	DRC-EPM,PDE	DRC-EPM,PDE	25 days	Mon 3/5/18	Fri 4/6/18
49	1.2.9.1.3	Conduct ADMINISTRATION TRAINING	DRC-EPM,PDE	LEA	5 days	Mon 4/9/18	Fri 4/13/18
50	1.2.9.2	TEST ADMINISTRATOR CERTIFICATION TRAINING			60 days	Mon 3/5/18	Fri 5/25/18
51	1.2.9.2.1	Access TEST ADMINISTRATOR CERTIFICATION in Production	DRC-EPM, IS,eMetric	LEA	60 days	Mon 3/5/18	Fri 5/25/18
52	1.2.9.3	CORRECTIONS WEBEX TRAINING			43 days	Fri 4/13/18	Wed 6/13/18
53	1.2.9.3.1	Deliver CORRECTIONS WEBEX TRAINING SYSTEM	DRC-IS	DRC-EPM	1 day	Fri 4/13/18	Fri 4/13/18
54	1.2.9.3.2	Complete CORRECTIONS WEBEX TRAINING PREPARATION	DRC-EPM	DRC-EPM	40 days	Mon 4/16/18	Mon 6/11/18
55	1.2.9.3.3	Conduct CORRECTIONS WEBEX TRAINING	DRC-EPM	LEA	2 days	Tue 6/12/18	Wed 6/13/18
56	1.2.10	COMMITTEE MEETINGS			255 days	Wed 7/12/17	Fri 7/13/18
57	1.2.10.1	BIAS REVIEW MEETING [17-18 YR]			9 days	Mon 7/17/17	Thu 7/27/17
58	1.2.10.1.1	Deliver BIAS REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Mon 7/17/17	Mon 7/17/17

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59	1.2.10.1.2	Complete BIAS REVIEW MEETING PREPARATION [17-18 YR]	DRC-EPM, DRC-TD	PDE	5 days	Tue 7/18/17	Mon 7/24/17
60	1.2.10.1.3	Conduct BIAS REVIEW MEETING [17-18 YR]	DRC-TD, PDE		3 days	Tue 7/25/17	Thu 7/27/17
61	1.2.10.2	ITEM REVIEW MEETING [17-18 YR]			18 days	Wed 7/12/17	Fri 8/4/17
62	1.2.10.2.1	Deliver ITEM REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD,PDE	DRC-TD,PDE	1 day	Wed 7/12/17	Wed 7/12/17
63	1.2.10.2.2	Complete ITEM REVIEW MEETING PREPARATION [17-18 YR]	DRC-EPM, DRC-TD	PDE	12 days	Thu 7/13/17	Fri 7/28/17
64	1.2.10.2.3	Conduct ITEM REVIEW MEETING [17-18 YR]	DRC-TD, PDE		5 days	Mon 7/31/17	Fri 8/4/17
65	1.2.10.3	DATA REVIEW MEETING [17-18 YR]			19 days	Mon 8/21/17	Fri 9/15/17
66	1.2.10.3.1	Deliver DATA REVIEW MEETING REQUIREMENTS [17-18 YR]	DRC-TD, DRC-PS, PDE	DRC-TD, DRC-PS, PDE	1 day	Mon 8/21/17	Mon 8/21/17
67	1.2.10.3.2	Complete DATA REVIEW MEETING PREPARATION [17-18 YR]	DRC-TD, DRC-PS, PDE	PDE	13 days	Tue 8/22/17	Fri 9/8/17
68	1.2.10.3.3	Conduct DATA REVIEW MEETING [17-18 YR]	DRC-TD, DRC-PS, PDE		4 days	Tue 9/12/17	Fri 9/15/17
69	1.2.10.4	RANGEFINDING MEETING			21 days	Thu 6/14/18	Fri 7/13/18
70	1.2.10.4.1	Deliver RANGEFINDING MEETING REQUIREMENTS	DRC-TD, DRC-PAS, PDE	DRC-TD, DRC-PAS, PDE	1 day	Thu 6/14/18	Thu 6/14/18
71	1.2.10.4.2	Complete RANGEFINDING MEETING PREPARATION	DRC-TD, DRC-PAS, PDE	PDE	15 days	Fri 6/15/18	Fri 7/6/18
72	1.2.10.4.3	Conduct RANGEFINDING MEETING	DRC-TD, DRC-PAS, PDE		5 days	Mon 7/9/18	Fri 7/13/18
73	1.2.10.5	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #1]			44 days	Thu 10/19/17	Thu 12/21/17
74	1.2.10.5.1	Deliver TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Thu 10/19/17	Thu 10/19/17
75	1.2.10.5.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Fri 10/20/17	Mon 12/4/17
76	1.2.10.5.3	Conduct TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Tue 12/5/17	Thu 12/7/17
77	1.2.10.5.4	Complete TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Fri 12/8/17	Thu 12/21/17
78	1.2.10.6	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #2]			44 days	Thu 1/18/18	Wed 3/21/18
79	1.2.10.6.1	Deliver TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/18/18	Thu 1/18/18
80	1.2.10.6.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/19/18	Fri 3/2/18
81	1.2.10.6.3	Conduct TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/5/18	Wed 3/7/18
82	1.2.10.6.4	Complete TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/8/18	Wed 3/21/18
83	1.2.10.7	TECHNICAL ADVISORY COMMITTEE (TAC) MEETING [Meeting #3]			44 days	Mon 4/16/18	Fri 6/15/18

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84	1.2.10.7.1	Deliver TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Mon 4/16/18	Mon 4/16/18
85	1.2.10.7.2	Complete TECHNICAL ADVISORY MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Tue 4/17/18	Tue 5/29/18
86	1.2.10.7.3	Conduct TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Wed 5/30/18	Fri 6/1/18
87	1.2.10.7.4	Complete TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Mon 6/4/18	Fri 6/15/18
88	1.2.10.8	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]			44 days	Thu 10/26/17	Fri 12/29/17
89	1.2.10.8.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #1]	DRC,PDE,TAC		1 day	Thu 10/26/17	Thu 10/26/17
90	1.2.10.8.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #1]	DRC,PDE,TAC		30 days	Fri 10/27/17	Mon 12/11/17
91	1.2.10.8.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #1]	PDE,DRC,TAC		3 days	Tue 12/12/17	Thu 12/14/17
92	1.2.10.8.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #1]	DRC-EPM		10 days	Fri 12/15/17	Fri 12/29/17
93	1.2.10.9	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]			44 days	Thu 1/25/18	Wed 3/28/18
94	1.2.10.9.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #2]	DRC,PDE,TAC		1 day	Thu 1/25/18	Thu 1/25/18
95	1.2.10.9.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #2]	DRC,PDE,TAC		30 days	Fri 1/26/18	Fri 3/9/18
96	1.2.10.9.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #2]	PDE,DRC,TAC		3 days	Mon 3/12/18	Wed 3/14/18
97	1.2.10.9.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #2]	DRC-EPM		10 days	Thu 3/15/18	Wed 3/28/18
98	1.2.10.10	EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]			44 days	Thu 4/19/18	Wed 6/20/18
99	1.2.10.10.1	Deliver EDUCATOR EFFECTIVENESS TAC MEETING REQUIREMENTS [Meeting #3]	DRC,PDE,TAC		1 day	Thu 4/19/18	Thu 4/19/18
100	1.2.10.10.2	Complete EDUCATOR EFFECTIVENESS TAC MEETING PREPARATION [Meeting #3]	DRC,PDE,TAC		30 days	Fri 4/20/18	Fri 6/1/18
101	1.2.10.10.3	Conduct EDUCATOR EFFECTIVENESS TAC MEETING [Meeting #3]	PDE,DRC,TAC		3 days	Mon 6/4/18	Wed 6/6/18
102	1.2.10.10.4	Complete EDUCATOR EFFECTIVENESS TAC MEETING SUMMARIES [Meeting #3]	DRC-EPM		10 days	Thu 6/7/18	Wed 6/20/18
103	2	TEST FORM PREPARATION			352 days	Thu 1/5/17	Fri 5/25/18
104	2.1	ITEM DEVELOPMENT			133 days	Thu 1/5/17	Fri 7/14/17
105	2.1.1	Develop ITEMS for Embedded Field Test Items [17-18 YR]	DRC-TD,Victory	PDE	133 days	Thu 1/5/17	Fri 7/14/17
106	2.2	PAPER TEST FORM PREPARATION [Algebra I]			37 days	Fri 9/15/17	Mon 11/6/17
107	2.2.1	Develop TEST DESIGNS [Algebra I]	DRC-TD	PDE	20 days	Fri 9/15/17	Thu 10/12/17
108	2.2.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
109	2.2.3	Approve PAPER TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
110	2.2.4	Deliver PAPER TEST FORM to PDE [Algebra I]	DRC-TD	PDE	2 days	Fri 10/27/17	Mon 10/30/17
111	2.2.5	Approve PAPER TEST FORM [Algebra I Face to Face]	PDE	DRC-TD	5 days	Tue 10/31/17	Mon 11/6/17
112	2.3	PAPER TEST FORM PREPARATION [Literature]			37 days	Fri 9/15/17	Mon 11/6/17

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113	2.3.1	Develop TEST DESIGNS [Literature]	DRC-TD	PDE	20 days	Fri 9/15/17	Thu 10/12/17
114	2.3.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
115	2.3.3	Approve PAPER TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
116	2.3.4	Deliver PAPER TEST FORM to PDE [Literature]	DRC-TD	PDE	2 days	Fri 10/27/17	Mon 10/30/17
117	2.3.5	Approve PAPER TEST FORM [Literature Face to Face]	PDE	DRC-TD	5 days	Tue 10/31/17	Mon 11/6/17
118	2.4	PAPER TEST FORM PREPARATION [Biology]			37 days	Fri 9/15/17	Mon 11/6/17
119	2.4.1	Develop TEST DESIGNS [Science]	DRC-TD	PDE	20 days	Fri 9/15/17	Thu 10/12/17
120	2.4.2	Deliver PAPER TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
121	2.4.3	Approve PAPER TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
122	2.4.4	Deliver PAPER TEST FORM to PDE [Biology]	DRC-TD	PDE	2 days	Fri 10/27/17	Mon 10/30/17
123	2.4.5	Approve PAPER TEST FORM [Biology Face to Face]	PDE	DRC-TD	5 days	Tue 10/31/17	Mon 11/6/17
124	2.5	ONLINE TEST FORM PREPARATION [Algebra I]			93 days	Fri 10/13/17	Tue 2/27/18
125	2.5.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Algebra I]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
126	2.5.2	Approve ONLINE TEST FORMS Characteristics [Algebra I]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
127	2.5.3	Deliver TD ENVIRONMENT for Item Review [Algebra I]	DRC-IS	DRC-TD	25 days	Fri 10/27/17	Mon 12/4/17
128	2.5.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Algebra I]	DRC-TD	DRC-IS	31 days	Mon 1/15/18	Tue 2/27/18
129	2.6	ONLINE TEST FORM PREPARATION [Literature]			93 days	Fri 10/13/17	Tue 2/27/18
130	2.6.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Literature]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
131	2.6.2	Approve ONLINE TEST FORMS Characteristics [Literature]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
132	2.6.3	Deliver TD ENVIRONMENT for Item Review [Literature]	DRC-IS	DRC-TD	25 days	Fri 10/27/17	Mon 12/4/17
133	2.6.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Literature]	DRC-TD	DRC-IS	31 days	Mon 1/15/18	Tue 2/27/18
134	2.7	ONLINE TEST FORM PREPARATION [Biology]			160 days	Mon 10/9/17	Fri 5/25/18
135	2.7.1	Deliver ONLINE TEST FORMS to PS for Characteristics Review [Biology]	DRC-TD	DRC-PS	5 days	Fri 10/13/17	Thu 10/19/17
136	2.7.2	Approve ONLINE TEST FORMS Characteristics [Biology]	DRC-PS	DRC-TD	5 days	Fri 10/20/17	Thu 10/26/17
137	2.7.3	Deliver TD ENVIRONMENT for Item Review [Biology]	DRC-IS	DRC-TD	25 days	Fri 10/27/17	Mon 12/4/17
138	2.7.4	Approve ONLINE TEST FORMS in TD ENVIRONMENT [Biology]	DRC-TD	DRC-IS	31 days	Mon 1/15/18	Tue 2/27/18
139	2.7.5	eDIRECT			160 days	Mon 10/9/17	Fri 5/25/18
140	2.7.5.1	eDIRECT PROJECT ADMINISTRATION			1 day	Mon 10/9/17	Mon 10/9/17
141	2.7.5.1.1	Complete PROJECT ADMINISTRATION SETUP in eDIRECT	DRC-IS	DRC-EPM	1 day	Mon 10/9/17	Mon 10/9/17

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142	2.7.5.2	eDIRECT SECURITY_PERMISSIONS			5 days	Tue 10/10/17	Mon 10/16/17
143	2.7.5.2.1	Complete SECURITY_PERMISSIONS SETUP in eDIRECT	DRC-EPM	LEA	5 days	Tue 10/10/17	Mon 10/16/17
144	2.7.5.3	eDIRECT MATERIALS RECEIPT NOTICE			39 days	Tue 4/3/18	Fri 5/25/18
145	2.7.5.3.1	Deliver MATERIALS RECEIPT NOTICE to Production	DRC-IS	LEA	1 day	Tue 4/3/18	Tue 4/3/18
146	2.7.5.3.2	Access MATERIALS RECEIPT NOTICE in Production	LEA		38 days	Wed 4/4/18	Fri 5/25/18
147	2.7.5.4	eDIRECT MATERIALS ACCOUNTABILITY FORM			39 days	Tue 4/3/18	Fri 5/25/18
148	2.7.5.4.1	Deliver MATERIALS ACCOUNTABILITY FORM to Production	DRC-IS	LEA	1 day	Tue 4/3/18	Tue 4/3/18
149	2.7.5.4.2	Access MATERIALS ACCOUNTABILITY FORM in Production	LEA		38 days	Wed 4/4/18	Fri 5/25/18
150	2.7.5.5	eDIRECT ADDITIONAL MATERIALS SYSTEM			38 days	Tue 4/3/18	Thu 5/24/18
151	2.7.5.5.1	Deliver ADDITIONAL MATERIALS SYSTEM to Production	DRC-IS	LEA	1 day	Tue 4/3/18	Tue 4/3/18
152	2.7.5.5.2	Access ADDITIONAL MATERIALS SYSTEM in Production	LEA		31 days	Thu 4/12/18	Thu 5/24/18
153	2.7.5.6	eDIRECT ENROLLMENT SYSTEM			20 days	Mon 10/23/17	Fri 11/17/17
154	2.7.5.6.1	Load CONTACT AND ADDRESS INFORMATION	DRC-IS		5 days	Mon 10/23/17	Fri 10/27/17
155	2.7.5.6.2	Deliver ONLINE ENROLLMENT SYSTEM to Production	DRC-IS	LEA	1 day	Mon 10/30/17	Mon 10/30/17
156	2.7.5.6.3	Access ONLINE ENROLLMENT SYSTEM in Production	LEA		5 days	Mon 11/13/17	Fri 11/17/17
157	3	STANDARD PRINT MATERIALS			216 days	Wed 6/14/17	Mon 4/23/18
158	3.1	TEST AND ANSWER BOOKLETS [Algebra I]			109 days	Tue 11/7/17	Fri 4/13/18
159	3.1.1	Create TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-TD	25 days	Tue 11/7/17	Wed 12/13/17
160	3.1.2	Approve TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-PPS	8 days	Thu 12/14/17	Tue 12/26/17
161	3.1.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Wed 12/27/17	Tue 1/2/18
162	3.1.4	Approve TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-TD	DRC-PPS	8 days	Wed 1/3/18	Fri 1/12/18
163	3.1.5	Print and Finish TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	63 days	Mon 1/15/18	Thu 4/12/18
164	3.1.6	Deliver Finished TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
165	3.2	TEST AND ANSWER BOOKLETS [Literature]			109 days	Tue 11/7/17	Fri 4/13/18
166	3.2.1	Create TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-TD	25 days	Tue 11/7/17	Wed 12/13/17
167	3.2.2	Approve TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-PPS	8 days	Thu 12/14/17	Tue 12/26/17
168	3.2.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Wed 12/27/17	Tue 1/2/18
169	3.2.4	Approve TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-TD	DRC-PPS	8 days	Wed 1/3/18	Fri 1/12/18
170	3.2.5	Print and Finish TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	63 days	Mon 1/15/18	Thu 4/12/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
171	3.2.6	Deliver Finished TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
172	3.3	TEST AND ANSWER BOOKLETS [Biology]			109 days	Tue 11/7/17	Fri 4/13/18
173	3.3.1	Create TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-TD	25 days	Tue 11/7/17	Wed 12/13/17
174	3.3.2	Approve TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-PPS	8 days	Thu 12/14/17	Tue 12/26/17
175	3.3.3	Deliver TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Wed 12/27/17	Tue 1/2/18
176	3.3.4	Approve TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-TD	DRC-PPS	8 days	Wed 1/3/18	Fri 1/12/18
177	3.3.5	Print and Finish TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	63 days	Mon 1/15/18	Thu 4/12/18
178	3.3.6	Deliver Finished TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
179	3.4	ACCOMMODATED MATERIALS			109 days	Tue 11/7/17	Fri 4/13/18
180	3.4.1	LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]			64 days	Mon 1/15/18	Fri 4/13/18
181	3.4.1.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-TD	DRC-EPM	12 days	Mon 1/15/18	Tue 1/30/18
182	3.4.1.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Algebra I]	DRC-EPM	DRC-PPS	5 days	Wed 1/31/18	Tue 2/6/18
183	3.4.1.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-EPM	4 days	Wed 2/7/18	Mon 2/12/18
184	3.4.1.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Algebra I]	DRC-EPM	DRC-PPS	5 days	Tue 2/13/18	Tue 2/20/18
185	3.4.1.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-PPS	37 days	Wed 2/21/18	Thu 4/12/18
186	3.4.1.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
187	3.4.2	LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]			64 days	Mon 1/15/18	Fri 4/13/18
188	3.4.2.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-TD	DRC-EPM	12 days	Mon 1/15/18	Tue 1/30/18
189	3.4.2.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Literature]	DRC-EPM	DRC-PPS	5 days	Wed 1/31/18	Tue 2/6/18
190	3.4.2.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Literature]	DRC-PPS	DRC-EPM	4 days	Wed 2/7/18	Mon 2/12/18
191	3.4.2.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Literature]	DRC-EPM	DRC-PPS	5 days	Tue 2/13/18	Tue 2/20/18
192	3.4.2.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-PPS	37 days	Wed 2/21/18	Thu 4/12/18
193	3.4.2.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Literature]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
194	3.4.3	LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]			64 days	Mon 1/15/18	Fri 4/13/18
195	3.4.3.1	Create LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-TD	DRC-EPM	12 days	Mon 1/15/18	Tue 1/30/18
196	3.4.3.2	Approve LARGE PRINT TEST AND ANSWER BOOKLETS PDF [Biology]	DRC-EPM	DRC-PPS	5 days	Wed 1/31/18	Tue 2/6/18
197	3.4.3.3	Deliver LARGE PRINT TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology]	DRC-PPS	DRC-EPM	4 days	Wed 2/7/18	Mon 2/12/18
198	3.4.3.4	Approve LARGE PRINT TEST AND ANSWER BOOKLETS to Print [Biology]	DRC-EPM	DRC-PPS	5 days	Tue 2/13/18	Tue 2/20/18
199	3.4.3.5	Print and Finish LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-PPS	37 days	Wed 2/21/18	Thu 4/12/18

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200	3.4.3.6	Deliver Finished LARGE PRINT TEST AND ANSWER BOOKLETS [Biology]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
201	3.4.4	BRaille BOOKLETS [Algebra I]			64 days	Mon 1/15/18	Fri 4/13/18
202	3.4.4.1	Deliver BRAILLE BOOKLETS PDF [Algebra I]	DRC-EPM	APH	1 day	Mon 1/15/18	Mon 1/15/18
203	3.4.4.2	Finish BRAILLE BOOKLETS [Algebra I]	APH	DRC-EPM	57 days	Tue 1/16/18	Thu 4/5/18
204	3.4.4.3	Complete BRAILLE MATERIALS ASSEMBLY [Algebra I]	DRC-EPM	DRC-MAT	5 days	Fri 4/6/18	Thu 4/12/18
205	3.4.4.4	Deliver Finished BRAILLE BOOKLETS [Algebra I]	DRC-MAT	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
206	3.4.5	BRaille BOOKLETS [Literature]			64 days	Mon 1/15/18	Fri 4/13/18
207	3.4.5.1	Deliver BRAILLE BOOKLETS PDF [Literature]	DRC-EPM	APH	1 day	Mon 1/15/18	Mon 1/15/18
208	3.4.5.2	Finish BRAILLE BOOKLETS [Literature]	APH	DRC-EPM	57 days	Tue 1/16/18	Thu 4/5/18
209	3.4.5.3	Complete BRAILLE MATERIALS ASSEMBLY [Literature]	DRC-EPM	DRC-MAT	5 days	Fri 4/6/18	Thu 4/12/18
210	3.4.5.4	Deliver Finished BRAILLE BOOKLETS [Literature]	DRC-MAT	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
211	3.4.6	BRaille BOOKLETS [Biology]			64 days	Mon 1/15/18	Fri 4/13/18
212	3.4.6.1	Deliver BRAILLE BOOKLETS PDF [Biology]	DRC-EPM	APH	1 day	Mon 1/15/18	Mon 1/15/18
213	3.4.6.2	Finish BRAILLE BOOKLETS [Biology]	APH	DRC-EPM	57 days	Tue 1/16/18	Thu 4/5/18
214	3.4.6.3	Complete BRAILLE MATERIALS ASSEMBLY [Biology]	DRC-EPM	DRC-MAT	5 days	Fri 4/6/18	Thu 4/12/18
215	3.4.6.4	Deliver Finished BRAILLE BOOKLETS [Biology]	DRC-MAT	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
216	3.4.7	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]			109 days	Tue 11/7/17	Fri 4/13/18
217	3.4.7.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 11/7/17	Fri 1/12/18
218	3.4.7.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-TD	10 days	Wed 1/24/18	Tue 2/6/18
219	3.4.7.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 2/7/18	Tue 2/13/18
220	3.4.7.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Wed 2/14/18	Tue 2/20/18
221	3.4.7.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 2/21/18	Tue 2/27/18
222	3.4.7.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	32 days	Wed 2/28/18	Thu 4/12/18
223	3.4.7.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
224	3.4.8	FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]			109 days	Tue 11/7/17	Fri 4/13/18
225	3.4.8.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 11/7/17	Fri 1/12/18
226	3.4.8.2	Create FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-TD	10 days	Wed 1/24/18	Tue 2/6/18
227	3.4.8.3	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PDF [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 2/7/18	Tue 2/13/18
228	3.4.8.4	Deliver FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS PRINTERS PROOF [Biology Spanish]	DRC-PPS	DRC-TD	4 days	Wed 2/14/18	Tue 2/20/18

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229	3.4.8.5	Approve FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS to Print [Biology Spanish]	DRC-TD	DRC-PPS	5 days	Wed 2/21/18	Tue 2/27/18
230	3.4.8.6	Print and Finish FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-PPS	32 days	Wed 2/28/18	Thu 4/12/18
231	3.4.8.7	Deliver Finished FOREIGN LANGUAGE TEST AND ANSWER BOOKLETS [Biology Spanish]	DRC-PPS	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
232	3.5	MANUALS			102 days	Tue 11/7/17	Wed 4/4/18
233	3.5.1	HANDBOOK FOR ASSESSMENT COORDINATORS			56 days	Tue 1/16/18	Wed 4/4/18
234	3.5.1.1	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PDF	DRC-EPM	PDE	20 days	Tue 1/16/18	Mon 2/12/18
235	3.5.1.2	Deliver HANDBOOK FOR ASSESSMENT COORDINATORS PRINTERS PROOF	DRC-PPS	DRC-EPM	5 days	Tue 2/13/18	Tue 2/20/18
236	3.5.1.3	Approve HANDBOOK FOR ASSESSMENT COORDINATORS to Print	DRC-EPM	DRC-PPS	5 days	Wed 2/21/18	Tue 2/27/18
237	3.5.1.4	Print and Finish HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-PPS	25 days	Wed 2/28/18	Tue 4/3/18
238	3.5.1.5	Deliver Finished HANDBOOK FOR ASSESSMENT COORDINATORS	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
239	3.5.2	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]			57 days	Mon 1/15/18	Wed 4/4/18
240	3.5.2.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 1/15/18	Fri 2/2/18
241	3.5.2.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 2/5/18	Thu 2/8/18
242	3.5.2.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 2/9/18	Thu 2/15/18
243	3.5.2.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-PPS	32 days	Fri 2/16/18	Tue 4/3/18
244	3.5.2.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
245	3.5.3	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]			57 days	Mon 1/15/18	Wed 4/4/18
246	3.5.3.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Literature]	DRC-TD	PDE	15 days	Mon 1/15/18	Fri 2/2/18
247	3.5.3.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Literature]	DRC-PPS	DRC-TD	4 days	Mon 2/5/18	Thu 2/8/18
248	3.5.3.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Literature]	DRC-TD	DRC-PPS	5 days	Fri 2/9/18	Thu 2/15/18
249	3.5.3.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-PPS	32 days	Fri 2/16/18	Tue 4/3/18
250	3.5.3.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Literature]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
251	3.5.4	DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]			57 days	Mon 1/15/18	Wed 4/4/18
252	3.5.4.1	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PDF [Biology]	DRC-TD	PDE	15 days	Mon 1/15/18	Fri 2/2/18
253	3.5.4.2	Deliver DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Mon 2/5/18	Thu 2/8/18
254	3.5.4.3	Approve DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Fri 2/9/18	Thu 2/15/18
255	3.5.4.4	Print and Finish DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-PPS	32 days	Fri 2/16/18	Tue 4/3/18
256	3.5.4.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION PAPER/PENCIL MANAULS [Biology]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
257	3.5.5	DIRECTIONS FOR ADMINISTRATION SPANISH MANAULS [Algebra I]			102 days	Tue 11/7/17	Wed 4/4/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
258	3.5.5.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 11/7/17	Fri 1/12/18
259	3.5.5.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Algebra I]	DRC-TD	PDE	8 days	Wed 2/28/18	Fri 3/9/18
260	3.5.5.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 3/12/18	Thu 3/15/18
261	3.5.5.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 3/16/18	Thu 3/22/18
262	3.5.5.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-PPS	8 days	Fri 3/23/18	Tue 4/3/18
263	3.5.5.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
264	3.5.6	DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]			102 days	Tue 11/7/17	Wed 4/4/18
265	3.5.6.1	Translate and Verify FOREIGN LANGUAGE	DRC,Tri-Lin,LSC	DRC-TD	45 days	Tue 11/7/17	Fri 1/12/18
266	3.5.6.2	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PDF [Biology]	DRC-TD	PDE	8 days	Wed 2/28/18	Fri 3/9/18
267	3.5.6.3	Deliver DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS PRINTERS PROOF [Biology]	DRC-PPS	DRC-TD	4 days	Mon 3/12/18	Thu 3/15/18
268	3.5.6.4	Approve DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS to Print [Biology]	DRC-TD	DRC-PPS	5 days	Fri 3/16/18	Thu 3/22/18
269	3.5.6.5	Print and Finish DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-PPS	8 days	Fri 3/23/18	Tue 4/3/18
270	3.5.6.6	Deliver Finished DIRECTIONS FOR ADMINISTRATION SPANISH MANUALS [Biology]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
271	3.5.7	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]			47 days	Mon 1/29/18	Wed 4/4/18
272	3.5.7.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Algebra I]	DRC-TD	PDE	15 days	Mon 1/29/18	Fri 2/16/18
273	3.5.7.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Tue 2/20/18	Fri 2/23/18
274	3.5.7.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Mon 2/26/18	Fri 3/2/18
275	3.5.7.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-PPS	22 days	Mon 3/5/18	Tue 4/3/18
276	3.5.7.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
277	3.5.8	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature]			47 days	Mon 1/29/18	Wed 4/4/18
278	3.5.8.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Literature ONLINE DFA]	DRC-TD	PDE	15 days	Mon 1/29/18	Fri 2/16/18
279	3.5.8.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Literature ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 2/20/18	Fri 2/23/18
280	3.5.8.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Literature ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 2/26/18	Fri 3/2/18
281	3.5.8.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Mon 3/5/18	Tue 4/3/18
282	3.5.8.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Literature ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
283	3.5.9	DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology]			47 days	Mon 1/29/18	Wed 4/4/18
284	3.5.9.1	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PDF [Biology ONLINE DFA]	DRC-TD	PDE	15 days	Mon 1/29/18	Fri 2/16/18
285	3.5.9.2	Deliver DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS PRINTERS PROOF [Biology ONLINE DFA]	DRC-PPS	DRC-TD	4 days	Tue 2/20/18	Fri 2/23/18
286	3.5.9.3	Approve DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS to Print [Biology ONLINE DFA]	DRC-TD	DRC-PPS	5 days	Mon 2/26/18	Fri 3/2/18

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287	3.5.9.4	Print and Finish DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-PPS	22 days	Mon 3/5/18	Tue 4/3/18
288	3.5.9.5	Deliver Finished DIRECTIONS FOR ADMINISTRATION ONLINE MANUALS [Biology ONLINE DFA]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
289	3.5.10	USER GUIDE (ONLINE TESTING)			20 days	Mon 3/5/18	Fri 3/30/18
290	3.5.10.1	Deliver USER GUIDE FOR ONLINE TESTING PDF	DRC-EPM	LEA	20 days	Mon 3/5/18	Fri 3/30/18
291	3.6	ANCILLARY MATERIALS			203 days	Wed 6/14/17	Wed 4/4/18
292	3.6.1	ASSESSMENT UPDATE			145 days	Wed 6/14/17	Thu 1/11/18
293	3.6.1.1	Deliver WINTER ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Wed 12/6/17	Thu 1/11/18
294	3.6.1.2	Deliver SUMMER ASSESSMENT UPDATE	DRC-EPM	LEA	25 days	Wed 6/14/17	Thu 7/20/17
295	3.6.2	REFERENCE SHEETS [Algebra I]			77 days	Thu 12/14/17	Wed 4/4/18
296	3.6.2.1	Deliver REFERENCE SHEETS PDF [Algebra I]	DRC-TD	DRC-PPS	20 days	Thu 12/14/17	Fri 1/12/18
297	3.6.2.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I]	DRC-PPS	DRC-TD	4 days	Mon 1/15/18	Thu 1/18/18
298	3.6.2.3	Approve REFERENCE SHEETS to Print [Algebra I]	DRC-TD	DRC-PPS	5 days	Fri 1/19/18	Thu 1/25/18
299	3.6.2.4	Print and Finish REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-PPS	47 days	Fri 1/26/18	Tue 4/3/18
300	3.6.2.5	Deliver Finished REFERENCE SHEETS [Algebra I]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
301	3.6.3	REFERENCE SHEETS [Algebra I Spanish]			40 days	Wed 2/7/18	Wed 4/4/18
302	3.6.3.1	Deliver REFERENCE SHEETS PDF [Algebra I Spanish]	DRC-TD	DRC-PPS	10 days	Wed 2/7/18	Wed 2/21/18
303	3.6.3.2	Deliver REFERENCE SHEETS PRINTERS PROOF [Algebra I Spanish]	DRC-PPS	DRC-TD	4 days	Thu 2/22/18	Tue 2/27/18
304	3.6.3.3	Approve REFERENCE SHEETS to Print [Algebra I Spanish]	DRC-TD	DRC-PPS	5 days	Wed 2/28/18	Tue 3/6/18
305	3.6.3.4	Print and Finish REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-PPS	20 days	Wed 3/7/18	Tue 4/3/18
306	3.6.3.5	Deliver Finished REFERENCE SHEETS [Algebra I Spanish]	DRC-PPS	DRC-MAT	1 day	Wed 4/4/18	Wed 4/4/18
307	3.6.4	ITEM AND SCORING SAMPLER [Algebra I]			33 days	Fri 7/14/17	Tue 8/29/17
308	3.6.4.1	Develop ITEM AND SCORING SAMPLER PDF [Algebra I Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
309	3.6.4.2	Develop ITEM AND SCORING SAMPLER PDF [Algebra I]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17
310	3.6.4.3	Deliver ITEM AND SCORING SAMPLER PDF [Algebra I]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
311	3.6.4.4	Approve ITEM AND SCORING SAMPLER [Algebra I]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
312	3.6.4.5	Deliver Finished ITEM AND SCORING SAMPLER [Algebra I]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
313	3.6.5	ITEM AND SCORING SAMPLER [Literature]			33 days	Fri 7/14/17	Tue 8/29/17
314	3.6.5.1	Develop ITEM AND SCORING SAMPLER PDF [Literature Braille Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
315	3.6.5.2	Develop ITEM AND SCORING SAMPLER PDF [Literature]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
316	3.6.5.3	Deliver ITEM AND SCORING SAMPLER PDF [Literature]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
317	3.6.5.4	Approve ITEM AND SCORING SAMPLER [Literature]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
318	3.6.5.5	Deliver Finished ITEM AND SCORING SAMPLER [Literature]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
319	3.6.6	ITEM AND SCORING SAMPLER [Biology]			33 days	Fri 7/14/17	Tue 8/29/17
320	3.6.6.1	Develop ITEM AND SCORING SAMPLER PDF [Biology Braille and VSL Development]	DRC-TD	DRC,PDE	10 days	Fri 7/14/17	Thu 7/27/17
321	3.6.6.2	Develop ITEM AND SCORING SAMPLER PDF [Biology]	DRC-TD	DRC-TD	20 days	Fri 7/21/17	Thu 8/17/17
322	3.6.6.3	Deliver ITEM AND SCORING SAMPLER PDF [Biology]	DRC-TD	PDE	1 day	Fri 8/18/17	Fri 8/18/17
323	3.6.6.4	Approve ITEM AND SCORING SAMPLER [Biology]	PDE	DRC-TD	5 days	Mon 8/21/17	Fri 8/25/17
324	3.6.6.5	Deliver Finished ITEM AND SCORING SAMPLER [Biology]	DRC-TD	PDE	2 days	Mon 8/28/17	Tue 8/29/17
325	3.7	ADMINISTRATIVE MATERIALS			43 days	Thu 2/22/18	Mon 4/23/18
326	3.7.1	LABELS [Precode, Dist Sch and DNS Labels]			22 days	Thu 3/15/18	Fri 4/13/18
327	3.7.1.1	Deliver LABELS PRINT FILES [Precode, Dist Sch and DNS Labels]	DRC-IS	DRC-DIGITAL	6 days	Thu 3/15/18	Thu 3/22/18
328	3.7.1.2	Print and Finish LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-DIGITAL	15 days	Fri 3/23/18	Thu 4/12/18
329	3.7.1.3	Deliver Finished LABELS [Precode, Dist Sch and DNS Labels]	DRC-DIGITAL	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
330	3.7.2	LABELS [DRC Return Shipping Labels]			37 days	Thu 2/22/18	Fri 4/13/18
331	3.7.2.1	Deliver LABELS PRINT FILES [DRC Return Shipping Labels]	DRC-IS	DRC-DIGITAL	6 days	Thu 2/22/18	Thu 3/1/18
332	3.7.2.2	Print and Finish LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-DIGITAL	30 days	Fri 3/2/18	Thu 4/12/18
333	3.7.2.3	Deliver Finished LABELS [DRC Return Shipping Labels]	DRC-DIGITAL	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
334	3.7.3	UPS RS LABELS			38 days	Thu 3/1/18	Mon 4/23/18
335	3.7.3.1	Deliver UPS RS FILE	DRC-IS	DRC-LG	10 days	Thu 3/1/18	Wed 3/14/18
336	3.7.3.2	Deliver Finished UPS RS LABELS	DRC-LG	DRC-MAT	13 days	Thu 3/15/18	Mon 4/2/18
337	3.7.3.3	Activate UPS RS LABELS for Inbound Reporting	DRC-LG	LEA	1 day	Mon 4/23/18	Mon 4/23/18
338	4	TEST MATERIALS PACK AND SHIP			27 days	Fri 3/23/18	Mon 4/30/18
339	4.1	PACK AND SHIP SHIPMENT I			10 days	Tue 4/3/18	Mon 4/16/18
340	4.1.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment I]	DRC-IS	DRC-MAT	3 days	Tue 4/3/18	Thu 4/5/18
341	4.1.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment I]	DRC-MAT	DRC-MAT	1 day	Fri 4/6/18	Fri 4/6/18
342	4.1.3	Walkthrough of MATERIALS SHIPMENT [Shipment I]	DRC-EPM	DRC-MAT	1 day	Thu 4/5/18	Thu 4/5/18
343	4.1.4	Package MATERIALS [Shipment I]	DRC-MAT	UPS	5 days	Thu 4/5/18	Wed 4/11/18
344	4.1.5	Ship MATERIALS [Shipment I]	UPS	LEA	5 days	Thu 4/5/18	Wed 4/11/18

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345	4.1.6	MATERIALS Due in District [Shipment I]	LEA		3 days	Thu 4/12/18	Mon 4/16/18
346	4.2	PACK AND SHIP SHIPMENT II			27 days	Fri 3/23/18	Mon 4/30/18
347	4.2.1	Obtain approval of OPSMMS SHIPMENT PACKING LISTS [Shipment II]	DRC-IS	DRC-MAT	15 days	Fri 3/23/18	Thu 4/12/18
348	4.2.2	Access ORDER FULFILLMENT SYSTEM for Pack and Ship [Shipment II]	DRC-MAT	DRC-MAT	1 day	Fri 4/13/18	Fri 4/13/18
349	4.2.3	Walkthrough of MATERIALS SHIPMENT [Shipment II]	DRC-EPM	DRC-MAT	1 day	Mon 4/16/18	Mon 4/16/18
350	4.2.4	Package MATERIALS [Shipment II]	DRC-MAT	UPS	8 days	Mon 4/16/18	Wed 4/25/18
351	4.2.5	Ship MATERIALS [Shipment II]	UPS	LEA	8 days	Mon 4/16/18	Wed 4/25/18
352	4.2.6	MATERIALS Due in District [Shipment II]	LEA		3 days	Thu 4/26/18	Mon 4/30/18
353	5	ONLINE TESTING PREPARATION			163 days	Wed 10/4/17	Fri 5/25/18
354	5.1	eDIRECT TEST SETUP			61 days	Fri 3/2/18	Fri 5/25/18
355	5.1.1	Deliver eDIRECT TEST SETUP to Production	DRC-IS	LEA	1 day	Fri 3/2/18	Fri 3/2/18
356	5.1.2	Access eDIRECT TEST SETUP in Production	LEA		60 days	Mon 3/5/18	Fri 5/25/18
357	5.2	TEST ENGINE			100 days	Fri 1/5/18	Fri 5/25/18
358	5.2.1	Deliver TEST ENGINE for PDE Access	DRC-IS	PDE	1 day	Fri 1/5/18	Fri 1/5/18
359	5.2.2	Deliver TEST ENGINE in Production for LEA Access	DRC-IS	LEA	1 day	Mon 3/5/18	Mon 3/5/18
360	5.2.3	Access TEST ENGINE in Production	LEA		60 days	Mon 3/5/18	Fri 5/25/18
361	5.3	ONLINE TEST FORMS_PRODUCTION PULL PROCESS			43 days	Wed 2/28/18	Fri 4/27/18
362	5.3.1	ONLINE TEST FORMS PULL [Algebra I]			43 days	Wed 2/28/18	Fri 4/27/18
363	5.3.1.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Algebra I]			15 days	Wed 2/28/18	Tue 3/20/18
364	5.3.1.1.1	Initiate ONLINE TEST FORMS Production Pull [Algebra I]	DRC-IS	DRC-IS	1 day	Wed 2/28/18	Wed 2/28/18
365	5.3.1.1.2	Pull ONLINE TEST FORMS into Development Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Thu 3/1/18	Tue 3/6/18
366	5.3.1.1.3	Review ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Wed 3/7/18	Wed 3/14/18
367	5.3.1.1.4	Approve ONLINE TEST FORMS in Development Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Thu 3/15/18	Tue 3/20/18
368	5.3.1.2	ONLINE TEST FORMS_MIGRATE to STAGING [Algebra I]			14 days	Wed 3/21/18	Mon 4/9/18
369	5.3.1.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Algebra I]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/21/18	Mon 3/26/18
370	5.3.1.2.2	Review ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS		6 days	Tue 3/27/18	Tue 4/3/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
371	5.3.1.2.3	Approve ONLINE TEST FORMS in Staging Environment [Algebra I]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 4/4/18	Mon 4/9/18
372	5.3.1.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Algebra I]			14 days	Tue 4/10/18	Fri 4/27/18
373	5.3.1.3.1	Migrate Final ONLINE TEST FORMS into Production [Algebra I]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Tue 4/10/18	Fri 4/13/18
374	5.3.1.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD		6 days	Mon 4/16/18	Mon 4/23/18
375	5.3.1.3.3	Approve Final ONLINE TEST FORMS in Production [Algebra I]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 4/24/18	Fri 4/27/18
376	5.3.2	ONLINE TEST FORMS PULL [Literature]			43 days	Wed 2/28/18	Fri 4/27/18
377	5.3.2.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Literature]			15 days	Wed 2/28/18	Tue 3/20/18
378	5.3.2.1.1	Initiate ONLINE TEST FORMS Production Pull [Literature]	DRC-IS	DRC-IS	1 day	Wed 2/28/18	Wed 2/28/18
379	5.3.2.1.2	Pull ONLINE TEST FORMS into Development Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Thu 3/1/18	Tue 3/6/18
380	5.3.2.1.3	Review ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS		6 days	Wed 3/7/18	Wed 3/14/18
381	5.3.2.1.4	Approve ONLINE TEST FORMS in Development Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Thu 3/15/18	Tue 3/20/18
382	5.3.2.2	ONLINE TEST FORMS_MIGRATE to STAGING [Literature]			14 days	Wed 3/21/18	Mon 4/9/18
383	5.3.2.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Literature]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/21/18	Mon 3/26/18
384	5.3.2.2.2	Review ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS		6 days	Tue 3/27/18	Tue 4/3/18
385	5.3.2.2.3	Approve ONLINE TEST FORMS in Staging Environment [Literature]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 4/4/18	Mon 4/9/18
386	5.3.2.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Literature]			14 days	Tue 4/10/18	Fri 4/27/18
387	5.3.2.3.1	Migrate Final ONLINE TEST FORMS into Production [Literature]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Tue 4/10/18	Fri 4/13/18
388	5.3.2.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD		6 days	Mon 4/16/18	Mon 4/23/18
389	5.3.2.3.3	Approve Final ONLINE TEST FORMS in Production [Literature]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 4/24/18	Fri 4/27/18
390	5.3.3	ONLINE TEST FORMS PULL [Biology]			43 days	Wed 2/28/18	Fri 4/27/18
391	5.3.3.1	ONLINE TEST FORMS_PULL to DEVELOPMENT [Biology]			15 days	Wed 2/28/18	Tue 3/20/18
392	5.3.3.1.1	Initiate ONLINE TEST FORMS Production Pull [Biology]	DRC-IS	DRC-IS	1 day	Wed 2/28/18	Wed 2/28/18

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393	5.3.3.1.2	Pull ONLINE TEST FORMS into Development Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Thu 3/1/18	Tue 3/6/18
394	5.3.3.1.3	Review ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS		6 days	Wed 3/7/18	Wed 3/14/18
395	5.3.3.1.4	Approve ONLINE TEST FORMS in Development Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Thu 3/15/18	Tue 3/20/18
396	5.3.3.2	ONLINE TEST FORMS_MIGRATE to STAGING [Biology]			14 days	Wed 3/21/18	Mon 4/9/18
397	5.3.3.2.1	Migrate ONLINE TEST FORMS into Staging Environment [Biology]	DRC-IS	DRC-SQA, DRC-IS	4 days	Wed 3/21/18	Mon 3/26/18
398	5.3.3.2.2	Review ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS		6 days	Tue 3/27/18	Tue 4/3/18
399	5.3.3.2.3	Approve ONLINE TEST FORMS in Staging Environment [Biology]	DRC-SQA, DRC-IS	DRC-IS	4 days	Wed 4/4/18	Mon 4/9/18
400	5.3.3.3	ONLINE TEST FORMS_MIGRATE to PRODUCTION [Biology]			14 days	Tue 4/10/18	Fri 4/27/18
401	5.3.3.3.1	Migrate Final ONLINE TEST FORMS into Production [Biology]	DRC-IS	DRC-SQA, DRC-IS, DRC-TD	4 days	Tue 4/10/18	Fri 4/13/18
402	5.3.3.3.2	Conduct User-Testing of ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD		6 days	Mon 4/16/18	Mon 4/23/18
403	5.3.3.3.3	Approve Final ONLINE TEST FORMS in Production [Biology]	DRC-SQA, DRC-IS, DRC-TD	DRC-IS	4 days	Tue 4/24/18	Fri 4/27/18
404	5.4	ONLINE TESTING SUPPORT MATERIAL			163 days	Wed 10/4/17	Fri 5/25/18
405	5.4.1	ONLINE TOOLS TRAINING (OTT)_PRACTICE TEST			155 days	Mon 10/16/17	Fri 5/25/18
406	5.4.1.1	Develop OTT_PRACTICE TEST Forms	DRC-TD	DRC-IS	90 days	Mon 10/16/17	Fri 2/23/18
407	5.4.1.2	Pull OTT_PRACTICE TEST in Production	DRC-IS	LEA	5 days	Mon 2/26/18	Fri 3/2/18
408	5.4.1.3	Access OTT_PRACTICE TEST in Production	LEA		60 days	Mon 3/5/18	Fri 5/25/18
409	5.4.2	ONLINE TUTORIALS			163 days	Wed 10/4/17	Fri 5/25/18
410	5.4.2.1	Develop ONLINE TUTORIALS	DRC-TD,Victory		90 days	Wed 10/4/17	Mon 2/12/18
411	5.4.2.2	Approve ONLINE TUTORIALS	DRC-TD		10 days	Tue 2/13/18	Tue 2/27/18
412	5.4.2.3	Deliver ONLINE TUTORIALS for Production	DRC-IS	LEA	3 days	Wed 2/28/18	Fri 3/2/18
413	5.4.2.4	Access ONLINE TUTORIALS in Production	LEA		60 days	Mon 3/5/18	Fri 5/25/18
414	6	TEST ADMINISTRATION			10 days	Mon 5/14/18	Fri 5/25/18
415	6.1	PAPER TEST IN PROGRESS	LEA		10 days	Mon 5/14/18	Fri 5/25/18
416	6.2	ONLINE TEST IN PROGRESS	LEA		10 days	Mon 5/14/18	Fri 5/25/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
417	7	MATERIALS RETURN AND DOCUMENT PROCESSING			137 days	Thu 3/22/18	Wed 10/3/18
418	7.1	IMAGING			21 days	Thu 3/22/18	Thu 4/19/18
419	7.1.1	Deliver IMAGING SETUP DOCUMENT	DRC-IS	DRC-IS	1 day	Thu 3/22/18	Thu 3/22/18
420	7.1.2	Deliver IMAGING SYSTEM	DRC-IS	DRC-DP	20 days	Fri 3/23/18	Thu 4/19/18
421	7.2	SECURE MATERIAL			62 days	Fri 5/18/18	Wed 8/15/18
422	7.2.1	SECURE MATERIAL [Algebra I]			51 days	Fri 5/18/18	Tue 7/31/18
423	7.2.1.1	Pick up SECURE MATERIAL [Algebra I]	LEA	UPS	11 days	Fri 5/18/18	Mon 6/4/18
424	7.2.1.2	Receive SECURE MATERIAL [Algebra I]	UPS	DRC-MAT	11 days	Wed 5/23/18	Thu 6/7/18
425	7.2.1.3	Check in SECURE MATERIAL [Algebra I]	DRC-MAT	DRC-DP	11 days	Thu 5/24/18	Fri 6/8/18
426	7.2.1.4	Process SECURE MATERIAL [Algebra I]	DRC-DP	DRC-PAS	11 days	Fri 5/25/18	Mon 6/11/18
427	7.2.1.5	Handscore CONSTRUCTED RESPONSE [Common Items (Algebra I)]	DRC-PAS	DRC-IS	16 days	Wed 5/30/18	Wed 6/20/18
428	7.2.1.6	Handscore CONSTRUCTED RESPONSE [Field Test (Algebra I)]	DRC-PAS	DRC-IS	12 days	Mon 7/16/18	Tue 7/31/18
429	7.2.2	SECURE MATERIAL [Literature]			51 days	Fri 5/18/18	Tue 7/31/18
430	7.2.2.1	Pick up SECURE MATERIAL [Literature]	LEA	UPS	11 days	Fri 5/18/18	Mon 6/4/18
431	7.2.2.2	Receive SECURE MATERIAL [Literature]	UPS	DRC-MAT	11 days	Wed 5/23/18	Thu 6/7/18
432	7.2.2.3	Check in SECURE MATERIAL [Literature]	DRC-MAT	DRC-DP	11 days	Thu 5/24/18	Fri 6/8/18
433	7.2.2.4	Process SECURE MATERIAL [Literature]	DRC-DP	DRC-PAS	11 days	Fri 5/25/18	Mon 6/11/18
434	7.2.2.5	Handscore CONSTRUCTED RESPONSE [Common Items (Literature)]	DRC-PAS	DRC-IS	16 days	Wed 5/30/18	Wed 6/20/18
435	7.2.2.6	Handscore CONSTRUCTED RESPONSE [Field Test (Literature)]	DRC-PAS	DRC-IS	12 days	Mon 7/16/18	Tue 7/31/18
436	7.2.3	SCORABLE MATERIAL [Biology]			51 days	Fri 5/18/18	Tue 7/31/18
437	7.2.3.1	Pick up SECURE MATERIAL [Biology]	LEA	UPS	11 days	Fri 5/18/18	Mon 6/4/18
438	7.2.3.2	Receive SECURE MATERIAL [Biology]	UPS	DRC-MAT	11 days	Wed 5/23/18	Thu 6/7/18
439	7.2.3.3	Check in SECURE MATERIAL [Biology]	DRC-MAT	DRC-DP	11 days	Thu 5/24/18	Fri 6/8/18
440	7.2.3.4	Process SECURE MATERIAL [Biology]	DRC-DP	DRC-PAS	11 days	Fri 5/25/18	Mon 6/11/18
441	7.2.3.5	Handscore CONSTRUCTED RESPONSE [Common Items (Biology)]	DRC-PAS	DRC-IS	16 days	Wed 5/30/18	Wed 6/20/18
442	7.2.3.6	Handscore CONSTRUCTED RESPONSE [Field Test (Biology)]	DRC-PAS	DRC-IS	12 days	Mon 7/16/18	Tue 7/31/18
443	7.2.4	STRAGGLERS			48 days	Fri 6/8/18	Wed 8/15/18
444	7.2.4.1	Cutoff of REGULAR SCORABLE MATERIAL for Reporting	DRC-MAT		1 day	Fri 6/8/18	Fri 6/8/18
445	7.2.4.2	Check in STRAGGLER MATERIAL	DRC-MAT	DRC-DP	40 days	Tue 6/12/18	Tue 8/7/18

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446	7.2.4.3	Process STRAGGLER MATERIAL	DRC-DP	DRC-PAS	3 days	Wed 8/8/18	Fri 8/10/18
447	7.2.4.4	Handscore STRAGGLER CONSTRUCTED RESPONSE	DRC-PAS	DRC-IS	3 days	Mon 8/13/18	Wed 8/15/18
448	7.3	MISSING MATERIAL REPORT			90 days	Tue 5/29/18	Wed 10/3/18
449	7.3.1	Deliver Preliminary MISSING MATERIAL REPORT	DRC-EPM	PDE	45 days	Tue 5/29/18	Tue 7/31/18
450	7.3.2	Deliver Final MISSING MATERIAL REPORT	DRC-EPM	PDE	90 days	Tue 5/29/18	Wed 10/3/18
451	8	POST TESTING DATA PROCESSING			153 days	Thu 1/18/18	Thu 8/23/18
452	8.1	DATA PROCESSING FILES			153 days	Thu 1/18/18	Thu 8/23/18
453	8.1.1	DATA FILE KEY CHECK [Algebra I]			6 days	Fri 5/25/18	Mon 6/4/18
454	8.1.1.1	Deliver DATA FILE for KEY CHECK [Algebra I]	DRC-IS	DRC-PS	6 days	Fri 5/25/18	Mon 6/4/18
455	8.1.2	DATA FILE KEY CHECK [Literature]			6 days	Fri 5/25/18	Mon 6/4/18
456	8.1.2.1	Deliver DATA FILE for KEY CHECK [Literature]	DRC-IS	DRC-PS	6 days	Fri 5/25/18	Mon 6/4/18
457	8.1.3	DATA FILE KEY CHECK [Biology]			6 days	Fri 5/25/18	Mon 6/4/18
458	8.1.3.1	Deliver DATA FILE for KEY CHECK [Biology]	DRC-IS	DRC-PS	6 days	Fri 5/25/18	Mon 6/4/18
459	8.1.4	DATA FILE [POSTEQUATING CHECK MC & CR]			3 days	Thu 6/21/18	Mon 6/25/18
460	8.1.4.1	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Algebra I]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
461	8.1.4.2	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Literature]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
462	8.1.4.3	Deliver DATA FILE for [POSTEQUATING CHECK MC & CR [Biology]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
463	8.1.5	DATA FILE [SCALED SCORE CHECK]			3 days	Thu 6/21/18	Mon 6/25/18
464	8.1.5.1	Deliver DATA FILE for [SCALED SCORE CHECK ALG I]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
465	8.1.5.2	Deliver DATA FILE for [SCALED SCORE CHECK BIO]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
466	8.1.5.3	Deliver DATA FILE for [SCALED SCORE CHECK LIT]	DRC-IS	DRC-PS	3 days	Thu 6/21/18	Mon 6/25/18
467	8.1.6	DATA FILE ITEM ANALYSIS [PS Data File for Erasure and Telmetry Anaylsis]			5 days	Thu 7/5/18	Wed 7/11/18
468	8.1.6.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data File for Erasure and Telmetry Analysis]	DRC-IS	DRC-PS	5 days	Thu 7/5/18	Wed 7/11/18
469	8.1.7	FINAL STUDENT DATA FILE [PS Data file for Data Forensics]			5 days	Thu 7/5/18	Wed 7/11/18
470	8.1.7.1	Deliver DATA FILE for ITEM ANALYSIS [PS Data file for Data Forensics]	DRC-IS	DRC-PS	5 days	Thu 7/5/18	Wed 7/11/18
471	8.1.8	FINAL STUDENT DATA FILE [PS Final PDE Student Data File for Data Analysis]			5 days	Thu 7/5/18	Wed 7/11/18
472	8.1.8.1	Deliver FINAL STUDENT DATA FILE [PS Final PDE Student Data File]	DRC-IS	DRC-PS	5 days	Thu 7/5/18	Wed 7/11/18
473	8.1.9	PDE FINAL STUDENT FILE			98 days	Wed 2/14/18	Tue 7/3/18
474	8.1.9.1	Deliver File Layout for PDE STUDENT FILE and PARENT LETTERS	DRC-IS	PDE	1 day	Wed 2/14/18	Wed 2/14/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
475	8.1.9.2	Deliver PDE FINAL STUDENT FILE	DRC-IS	PDE	1 day	Wed 6/27/18	Wed 6/27/18
476	8.1.9.3	Approve PDE STUDENT FILE	PDE	DRC-IS	4 days	Thu 6/28/18	Tue 7/3/18
477	8.1.10	PDE FINAL STUDENT FILE to SAS			1 day	Thu 7/5/18	Thu 7/5/18
478	8.1.10.1	Deliver PDE FINAL STUDENT FILE to SAS	DRC-IS	SAS	1 day	Thu 7/5/18	Thu 7/5/18
479	8.1.11	DISTRICT AND SCHOOL SUMMARY FILES			15 days	Thu 7/5/18	Wed 7/25/18
480	8.1.11.1	Deliver DISTRICT AND SCHOOL SUMMARY FILES	DRC-IS	PDE	10 days	Thu 7/5/18	Wed 7/18/18
481	8.1.11.2	Approve DISTRICT AND SCHOOL SUMMARY FILES	PDE	DRC-IS	5 days	Thu 7/19/18	Wed 7/25/18
482	8.1.12	ANCHOR SUMMARY FILES			15 days	Thu 7/5/18	Wed 7/25/18
483	8.1.12.1	Deliver ANCHOR SUMMARY FILES	DRC-IS	PDE	10 days	Thu 7/5/18	Wed 7/18/18
484	8.1.12.2	Approve ANCHOR SUMMARY FILES	PDE	DRC-IS	5 days	Thu 7/19/18	Wed 7/25/18
485	8.1.13	PIMS PRECODE AND REPORTING FILES			104 days	Thu 1/18/18	Thu 6/14/18
486	8.1.13.1	Deliver PIMS FINAL PRECODE FILE	PDE	DRC-IS	12 days	Thu 1/18/18	Fri 2/2/18
487	8.1.13.2	Deliver PIMS FINAL REPORTING FILE	PDE	DRC-IS	1 day	Thu 6/14/18	Thu 6/14/18
488	8.1.14	STRAGGLER DOCUMENTS STUDENT DATA FILE			6 days	Thu 8/16/18	Thu 8/23/18
489	8.1.14.1	Deliver STRAGGLER DOCUMENTS STUDENT DATA FILE	DRC-IS	DRC-IS	6 days	Thu 8/16/18	Thu 8/23/18
490	8.2	DATA PROCESSING SYSTEMS			6 days	Fri 6/15/18	Fri 6/22/18
491	8.2.1	CORRECTIONS SYSTEM			6 days	Fri 6/15/18	Fri 6/22/18
492	8.2.1.1	Deliver CORRECTIONS to Production	DRC-IS	LEA	1 day	Fri 6/15/18	Fri 6/15/18
493	8.2.1.2	Access CORRECTIONS in Production	LEA		5 days	Mon 6/18/18	Fri 6/22/18
494	9	DATA ANALYSIS			60 days	Wed 5/30/18	Wed 8/22/18
495	9.1	KEY VERIFICATION			4 days	Tue 6/5/18	Fri 6/8/18
496	9.1.1	KEY VERIFICATION [Algebra I]			4 days	Tue 6/5/18	Fri 6/8/18
497	9.1.1.1	Deliver KEY VERIFICATION RESULTS [Algebra I]	DRC-PS	DRC-TD	2 days	Tue 6/5/18	Wed 6/6/18
498	9.1.1.2	Approve KEY VERIFICATION RESULTS [Algebra I]	DRC-TD	DRC-PS	2 days	Thu 6/7/18	Fri 6/8/18
499	9.1.2	KEY VERIFICATION [Literature]			4 days	Tue 6/5/18	Fri 6/8/18
500	9.1.2.1	Deliver KEY VERIFICATION RESULTS [Literature]	DRC-PS	DRC-TD	2 days	Tue 6/5/18	Wed 6/6/18
501	9.1.2.2	Approve KEY VERIFICATION RESULTS [Literature]	DRC-TD	DRC-PS	2 days	Thu 6/7/18	Fri 6/8/18
502	9.1.3	KEY VERIFICATION [Biology]			4 days	Tue 6/5/18	Fri 6/8/18
503	9.1.3.1	Deliver KEY VERIFICATION RESULTS [Biology]	DRC-PS	DRC-TD	2 days	Tue 6/5/18	Wed 6/6/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
504	9.1.3.2	Approve KEY VERIFICATION RESULTS [Biology]	DRC-TD	DRC-PS	2 days	Thu 6/7/18	Fri 6/8/18
505	9.2	EQUATING			2 days	Wed 5/30/18	Thu 5/31/18
506	9.2.1	EQUATING			2 days	Wed 5/30/18	Thu 5/31/18
507	9.2.1.1	Deliver RAW TO SCALE TABLES	DRC-PS	DRC-IS	2 days	Wed 5/30/18	Thu 5/31/18
508	9.3	ITEM ANALYSIS			4 days	Thu 7/12/18	Tue 7/17/18
509	9.3.1	Deliver ITEM ANALYSIS RESULTS	DRC-PS	DRC-TD	4 days	Thu 7/12/18	Tue 7/17/18
510	9.4	DATA ANALYSIS			30 days	Thu 7/12/18	Wed 8/22/18
511	9.4.1	ERASURE ANALYSIS SUMMARY			20 days	Thu 7/12/18	Wed 8/8/18
512	9.4.1.1	Deliver ERASURE ANALYSIS SUMMARY	DRC-PS	PDE	20 days	Thu 7/12/18	Wed 8/8/18
513	9.4.2	DATA FORENSICS SUMMARY			30 days	Thu 7/12/18	Wed 8/22/18
514	9.4.2.1	Deliver DATA FORENSICS SUMMARY	DRC-PS	PDE	30 days	Thu 7/12/18	Wed 8/22/18
515	10	REPORTING			113 days	Tue 5/1/18	Tue 10/9/18
516	10.1	ELECTRONIC REPORT PRODUCTION			28 days	Wed 6/27/18	Mon 8/6/18
517	10.1.1	ONLINE PARENT LETTERS			6 days	Wed 6/27/18	Thu 7/5/18
518	10.1.1.1	Deliver ONLINE PARENT LETTERS for Review	eMetric	DRC-SQA, PDE	1 day	Wed 6/27/18	Wed 6/27/18
519	10.1.1.2	Approve ONLINE PARENT LETTERS	PDE	eMetric	4 days	Thu 6/28/18	Tue 7/3/18
520	10.1.1.3	Deliver ONLINE PARENT LETTERS to Field	eMetric	LEA	1 day	Thu 7/5/18	Thu 7/5/18
521	10.1.2	DISTRICT STUDENT DATA FILES			1 day	Thu 7/5/18	Thu 7/5/18
522	10.1.2.1	Deliver DISTRICT STUDENT DATA FILES to Field	DRC-IS	LEA	1 day	Thu 7/5/18	Thu 7/5/18
523	10.1.3	PDE COPY OF DISTRICT STUDENT DATA FILES			1 day	Thu 7/5/18	Thu 7/5/18
524	10.1.3.1	Deliver DISTRICT STUDENT DATA FILES to PDE	DRC-IS	PDE	1 day	Thu 7/5/18	Thu 7/5/18
525	10.1.4	ONLINE DATA INTERACTION TOOL			13 days	Thu 7/19/18	Mon 8/6/18
526	10.1.4.1	Deliver ONLINE DATA INTERACTION TOOL for Review	eMetric	DRC-SQA, PDE	7 days	Thu 7/19/18	Fri 7/27/18
527	10.1.4.2	Approve ONLINE DATA INTERACTION TOOL	PDE	eMetric	4 days	Mon 7/30/18	Thu 8/2/18
528	10.1.4.3	Deliver ONLINE DATA INTERACTION TOOL to Field	eMetric	LEA	2 days	Fri 8/3/18	Mon 8/6/18
529	10.1.5	ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS			21 days	Thu 7/5/18	Thu 8/2/18
530	10.1.5.1	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS for Review	DRC-IS	PDE	14 days	Thu 7/5/18	Tue 7/24/18
531	10.1.5.2	Approve ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS	PDE	DRC-IS	5 days	Wed 7/25/18	Tue 7/31/18
532	10.1.5.3	Deliver ONLINE SCHOOL AND DISTRICT SUMMARY REPORTS to Field	DRC-IS	LEA	2 days	Wed 8/1/18	Thu 8/2/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
533	10.2	PRINTED REPORT PRODUCTION			107 days	Tue 5/1/18	Mon 10/1/18
534	10.2.1	INDIVIDUAL STUDENT REPORT			72 days	Tue 5/1/18	Fri 8/10/18
535	10.2.1.1	Develop INDIVIDUAL STUDENT REPORT	DRC-IS	PDE	10 days	Tue 5/1/18	Mon 5/14/18
536	10.2.1.2	Approve INDIVIDUAL STUDENT REPORT	PDE	DRC-IS	10 days	Tue 5/15/18	Tue 5/29/18
537	10.2.1.3	Deliver INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	8 days	Thu 7/5/18	Mon 7/16/18
538	10.2.1.4	Print and Finish INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	18 days	Tue 7/17/18	Thu 8/9/18
539	10.2.1.5	Deliver INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	18 days	Wed 7/18/18	Fri 8/10/18
540	10.2.2	STRAGGLER INDIVIDUAL STUDENT REPORT			4 days	Wed 9/26/18	Mon 10/1/18
541	10.2.2.1	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT to Print	DRC-IS	DRC-DIGITAL	1 day	Wed 9/26/18	Wed 9/26/18
542	10.2.2.2	Print and Finish STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DIGITAL	2 days	Thu 9/27/18	Fri 9/28/18
543	10.2.2.3	Deliver STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DIGITAL	DRC-DP	1 day	Mon 10/1/18	Mon 10/1/18
544	10.2.3	REPORT INTERPRETATION GUIDE			11 days	Tue 7/17/18	Tue 7/31/18
545	10.2.3.1	Deliver REPORT INTERPRETATION GUIDE PDF	DRC-EPM	PDE	1 day	Tue 7/17/18	Tue 7/17/18
546	10.2.3.2	Approve REPORT INTERPRETATION GUIDE to Print	PDE	DRC-EPM	4 days	Wed 7/18/18	Mon 7/23/18
547	10.2.3.3	Deliver Finished REPORT INTERPRETATION GUIDE	DRC-EPM	PDE	6 days	Tue 7/24/18	Tue 7/31/18
548	10.3	TECHNICAL REPORTS			53 days	Thu 7/12/18	Tue 9/25/18
549	10.3.1	TECHNICAL REPORT			53 days	Thu 7/12/18	Tue 9/25/18
550	10.3.1.1	Deliver TECHNICAL REPORT PDF	DRC-PS	DRC-DIGITAL	50 days	Thu 7/12/18	Thu 9/20/18
551	10.3.1.2	Print and Finish TECHNICAL REPORT	DRC-DIGITAL	DRC-EPM	2 days	Fri 9/21/18	Mon 9/24/18
552	10.3.1.3	Deliver PRINTED TECHNICAL REPORT	DRC-EPM	PDE,TAC	1 day	Tue 9/25/18	Tue 9/25/18
553	10.4	REPORTS PACK AND SHIP			56 days	Mon 7/23/18	Tue 10/9/18
554	10.4.1	INDIVIDUAL STUDENT REPORT			20 days	Mon 7/23/18	Fri 8/17/18
555	10.4.1.1	Walkthrough of INDIVIDUAL STUDENT REPORT SHIPMENT	DRC-EPM	DRC-DP	1 day	Mon 7/23/18	Mon 7/23/18
556	10.4.1.2	Package INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	15 days	Tue 7/24/18	Mon 8/13/18
557	10.4.1.3	Ship INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Tue 8/14/18	Tue 8/14/18
558	10.4.1.4	INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Wed 8/15/18	Fri 8/17/18
559	10.4.2	STRAGGLER INDIVIDUAL STUDENT REPORT			6 days	Tue 10/2/18	Tue 10/9/18
560	10.4.2.1	Package STRAGGLER INDIVIDUAL STUDENT REPORT	DRC-DP	UPS	2 days	Tue 10/2/18	Wed 10/3/18
561	10.4.2.2	Ship STRAGGLER INDIVIDUAL STUDENT REPORT	UPS	LEA	1 day	Thu 10/4/18	Thu 10/4/18

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ID	Outline Number	Task Name	Resource Names	Hands Off To	Duration	Start	Finish
562	10.4.2.3	STRAGGLER INDIVIDUAL STUDENT REPORT Due in District	LEA		3 days	Fri 10/5/18	Tue 10/9/18

Pennsylvania Department of Education System of Assessments - RFP# 6100032526

Hour Summary by Program and Task

Description	Year 1 Hours Jan 1, 2016- June 30, 2016	Year 2 Hours 2016-2017	Year 3 Hours 2017-2018	Year 4 Hours 2018-2019	Year 5 Hours 2019-2020	Year 6 Hours 2020-2021	Total
PSSA Development and Administration							
Project Management	647	6,649	6,640	6,640	6,640	6,430	33,646
Information Technology/Test Delivery System	229	3,957	3,957	3,957	3,957	3,907	19,964
Test Development	4,929	9,021	9,021	9,021	9,021	4,279	45,292
Psychometrics	0	4,619	4,619	4,619	4,619	4,694	23,170
Production, Manufacturing, Shipping and Distribution	0	15,263	14,996	14,745	14,370	14,154	73,528
Receiving, Scanning, Editing and Scoring	0	45,894	45,487	44,700	43,516	42,730	222,327
Reporting	0	4,693	4,693	4,693	4,693	4,687	23,459
Keystone Exams Development and Administration							
Project Management	480	5,572	5,572	5,572	5,572	5,447	28,215
Information Technology/Test Delivery System	173	5,481	5,481	5,481	5,481	5,446	27,543
Test Development	3,282	6,231	6,231	6,231	6,231	3,171	31,377
Psychometrics	0	2,322	2,322	2,322	2,322	2,398	11,686
Production, Manufacturing, Shipping and Distribution	0	5,428	5,124	4,873	4,624	4,349	24,398
Receiving, Scanning, Editing and Scoring	0	16,158	15,447	14,755	14,054	13,347	73,761
Reporting	0	3,841	3,901	3,901	3,901	3,897	19,441
CDT Development and Administration							
Project Management	0	4,140	4,523	4,236	4,140	4,140	21,179
Information Technology/Test Delivery System	0	4,043	4,449	953	935	927	11,307
Test Development	0	803	3,212	914	803	906	6,638
Psychometrics	0	1,905	2,039	1,906	1,905	1,988	9,743
Production, Manufacturing, Shipping and Distribution	0	19	77	22	19	21	158
Receiving, Scanning, Editing and Scoring	0	0	0	0	0	0	0
Reporting	0	192	206	192	192	195	977
Totals	9,740	146,231	147,997	139,733	136,995	127,113	707,809

DRC Customer Service: Sample – Common Issues and Responses Log

Common Issues & Response Log: SAMPLE

Issue	Reference	Notes
Trouble logging into eDirect		Verify user is already entered in eDirect system. If locked or expired, reset password. Stay on the phone with them to verify receipt of the new password email. If user is not entered into eDirect see directions below.
User does not have an eDIRECT username and password		All new users must be approved by DAS. Take the caller's district, school full name, email address, and requested role. Forward information to XXSupport@datarecognitioncorp.com and XX-EPM will email the DAS representative to approve (Jason Kolb).
User does not have the correct permissions	eDIRECT Permissions Table	Use the permissions table to determine if the user should have the missing permission. If so, please add that permission. If not, take the caller's district, school full name, email address, and requested permissions. Forward information to XXSupport@datarecognitioncorp.com and XX-EPM will email the DAS representative to approve (Jason Kolb).
Students are not showing in eDIRECT	Building Coordinator Handbook	Verify students are not showing. All students must be pre-identified on the BAA Secure Site. They are then pulled into eDIRECT (approx. 2 business days). If caller has questions about the preID process, transfer to 877-560-8378 x 2 – let the representative know it is a preID question.
Student needs to be relocated to another computer	Building Coordinator Handbook	Click on the Pause button and then click the Exit button (do NOT click END TEST). Student can resume testing the same part of the test on new workstation. If the student will be completing the part of the test on a different day, see directions for "student test is locked."
How to create a test session	Building Coordinator Handbook	Handbook walks users through creating a session , editing, updating, or deleting a session (page 16), searching for a session, and copying a session . Walk users through the process over the phone and let them know the page number in the handbook for reference.
Student test is completed, but student did not take all/any of the test.		View student login data. If the test session is short (two minutes, or less), the student most likely was clicking ahead and panicked and ended the test. The student can be unlocked by EPM. If the test session is more than a few minutes, the Assessment Administrator should know what the situation is, and if the student's test should be unlocked.
Student test is locked	Building Coordinator Handbook	If the test session is more than a few minutes, the Assessment Administrator should know what the situation is... student did not finish yesterday and is trying to finish now - ok to unlock. If it seems like the student may have looked at the test, logged out (to maybe copy a question or look it up online), that cannot be unlocked. Collect as much detail as possible - number of students to be unlocked and the reason. If possible, collect student names. Include this information in the call notes.
TSM has unsent responses. Students may not be able to log out or in to a test.	Technology Guide	If students have completed all questions on that part of the test, but receive an error upon logging out due to unsent responses, students are free to leave their computers, but the Technology Coordinator will need to follow steps for manually transmitting student responses.
User is experiencing audio issues		Gather the following information: <ul style="list-style-type: none"> ▪ Have any students taken and completed any part of the test without audio or with audio issues? If yes, determine the session(s) that experienced the issue. ▪ Is the school using Thin Clients? ▪ Has their TSM been updated WITH THE APPROPRIATE HVA/TTS BOXES CHECKED? ▪ Did anyone read the test to students in lieu of the audio?

Appendix P: Customer Service Supporting Documentation

DRC Customer Service - Call Summary

12/9/2014

Call Volume

Current Reporting Period	Historical to Date
61	126

All Business Hours Inbound Calls - includes Abandons

Ave Wait Time

Current Reporting Period	Historical to Date
22	18

Seconds

Ave Call Time

Current Reporting Period	Historical to Date
5.6	4.9

Minutes

Abandoned Calls

Current Reporting Period	Historical to Date
3	7

Abandon = a Caller-Initiated Disconnect prior to reaching a Team Member

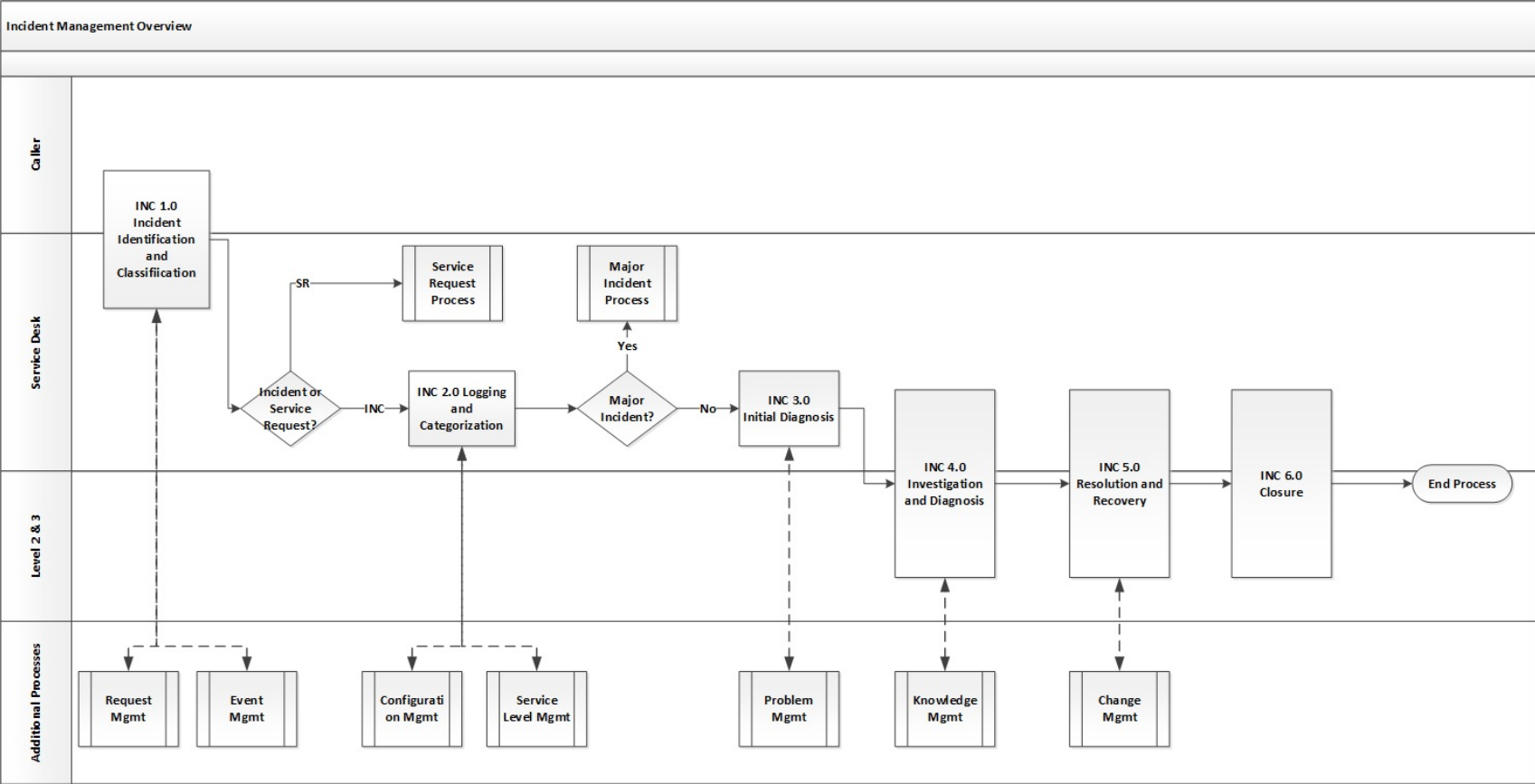
Ave Abandoned Time

Current Reporting Period	Historical to Date
44	21

Seconds



DRC Customer Service: Incident Management Process flow



DRC Customer Service: Incident Management Logic

Prioritization; Service Level Agreements (SLAs)

Impact: Measures the business criticality of the effected service. How many people does this Incident impact?

Urgency: Measure of business criticality based on the impact and on the business needs of the customer. How urgent is this Incident?

Impact + Urgency calculates PRIORITY

Priority	Description	Response Time	Resolve Time
Critical	Issue impacting multiple sites; critical service impacted; system is down	10 minutes	60 minutes
High	Issue impacting a few sites; non-critical service impacted	10 minutes	4 business hours
Moderate	Issue impacting one site; non-critical service impacted	15 minutes	2 business days
Low	Procedural question or request	15 minutes	4 business days

DRC Customer Service Database: ServiceNow

Tracking External Incidents:

▶ Enter the following information:

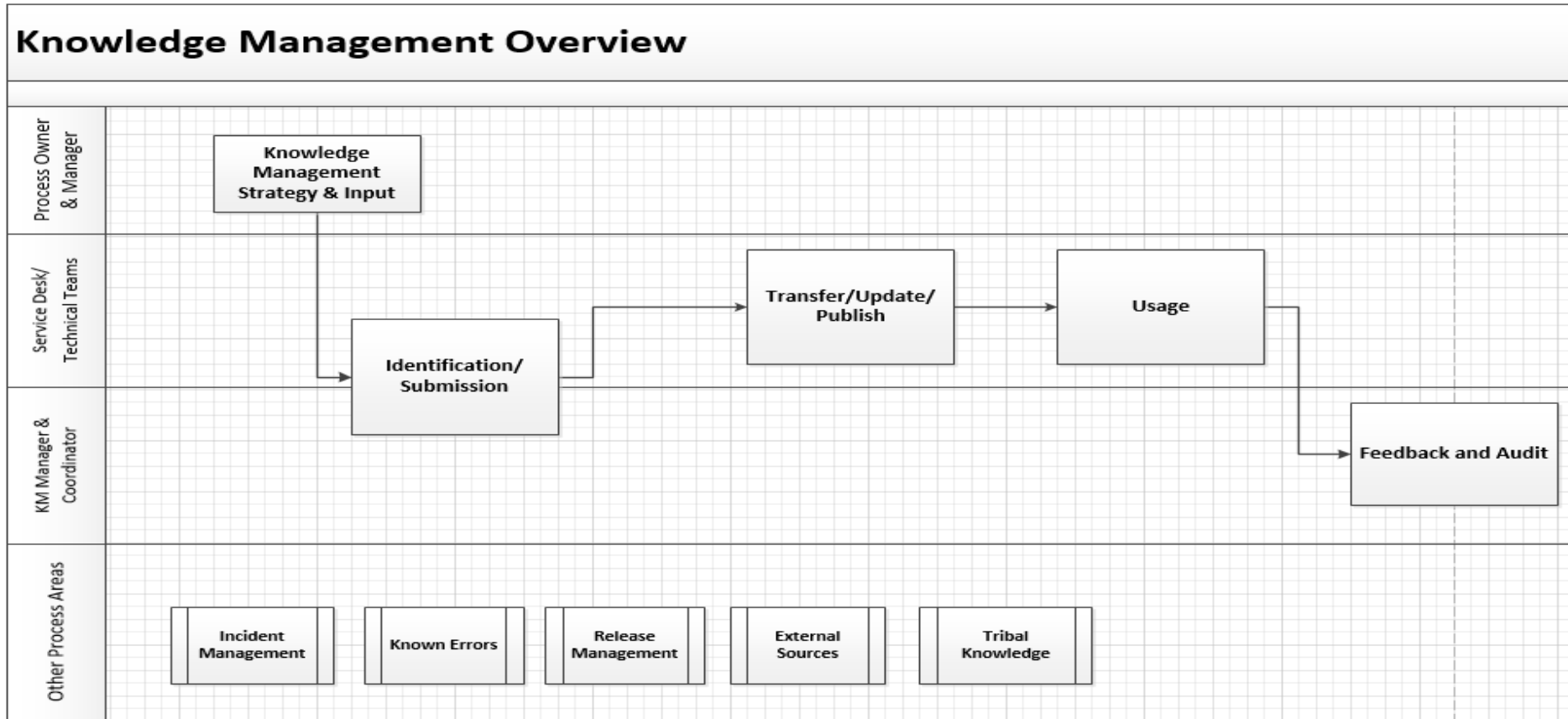
- ⊕ **Short description:** Unable to Access Web Service Application
 - ⊕ Suggested common short descriptions are available by clicking the Suggestion icon.💡
- ⊕ **Description:** (enter an expanded description of the Incident)

The screenshot shows the ServiceNow Incident form with the following fields and values:

- Number:** INC0011123
- Customer type:** External
- Client:** 23
- Project:** 523474
- District:** 03020
- School:** 000000013
- Contact:** Baldwin, Kathy
- Category:** Online Testing
- Subcategory:** Connectivity
- Configuration item:** Application Web Service
- Impact:** 3 - Low
- Urgency:** 3 - Low
- Priority:** 4 - Low
- Opened:** 2014-11-19 15:48:16
- Opened by:** ESS User
- Client Name:** Michigan
- Project Name:** MI-ACCESS SPRING 2014
- District Name:** Otsego Public Schools
- School Name:** MAPLE AVENUE MS
- Contact type:** Phone
- Incident state:** New
- Assignment group:** (empty)
- Assigned to:** (empty)
- Reassignment count:** 0
- Short description:** Unable to Access Web Service Application
- Description:** I am unable to access my Web Service Application and I need to access this system within the next half hour.

Annotations in the image include a red box around the "Short description" label, a red box around the "Description" label, and a red arrow pointing to the suggestion icon (💡) next to the short description field.

DRC Customer Service: Knowledge Management Process flow



“How we capture client information within the ServiceNow environment.”

Appendix Q: CAT Configuration Example

APPENDIX Q. CAT CONFIGURATION EXAMPLES

CAT Configuration 2014–2015—Mathematics Lower Grades

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 4 student starts with an item near the average difficulty of grade 4 items. Items are selected where the response probability is 0.65, meaning a student has a 65% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.62
- A student has taken 15 operational items in that diagnostic category

Functionality is used to restrict the pool and to favor items close to a student's grade. The pool restrictions are:

- No grade 7 items will be administered in the first 5 items
- No grade 8 items will be administered in the first 10 items
- No Algebra I items will be administered in the first 20 items
- No Geometry or Algebra II items will be administered

Simulations were run with this configuration. On average:

- A total of 52 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.61 to 0.63

The Mathematics Lower Grades CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Algebra I

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.60
- A student has taken 15 operational items in that diagnostic category

Functionality is used to restrict the pool and to favor items close to Algebra I. The pool restriction is that no Algebra II items will be administered in the first 16 items.

Simulations were run with this configuration. On average:

- A total of 52 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.60 to 0.61

The Algebra I configuration for the 2015-2016 school year will mirror the current configuration with one exception – it will include embedded field test items to replenish the item pool. Five field test items will be randomly assigned to fixed positions within the operational test. The positions of field test items will be unknown to students and spread throughout the operational test. Field test items will not be clustered at the end in an effort to avoid any fatigue effect when placing the items on the operational scale.

CAT Configuration 2014–2015—Geometry

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.60
- A student has taken 15 operational items in that diagnostic category

Functionality is used to favor items close to Geometry. There are no pool restrictions.

Simulations were run with this configuration. On average:

- A total of 53 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30

- Standard errors for the diagnostic categories are in the range of 0.60 to 0.62

The Geometry CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Algebra II

The test has four diagnostic categories. Each student will take 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.60
- A student has taken 15 operational items in that diagnostic category

Functionality is used to favor items close to Algebra II. There are no pool restrictions.

Simulations were run with this configuration. On average:

- A total of 52 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.60 to 0.64

The Algebra II CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Reading/Literature

The test has five diagnostic categories. Each student takes 10-12 operational items per diagnostic category for a total test of 50-60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 7 student will start with an item near the average difficulty of grade 7 items. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 10 operational items in that diagnostic category and the standard error is below 0.75
- A student has taken 12 operational items in that diagnostic category

Functionality is used to run CAT with passages and favor items close to student's grade. There are no pool restrictions.

Passage minimum percent is set at 66%. That is, whenever possible, only passage combinations that use 66% or more of the associated items are used. (Near the end of a test, the passage minimum percent constraint may need to be loosened in order to meet content constraints.) Many simulations were run to arrive at this percent. On the one hand, testing time and reading load should be minimized. Therefore, students should not have to read long passages for only one or two items. On the other hand, using all items associated with a passage may not be desirable since some items are far from a student's estimated score. Given a limited number of items, those that are either too easy or too hard should not be used.

In evaluating and ranking passages, percent of items associated with the passage is not used. Simulation results indicate that if it is factored into evaluations, students take many short passages because 1 of 1 (100%) and 2 of 2 (100%) are ranked higher than 5 of 6 (83%) and 4 of 5 (80%), for example.

Simulations were run with this configuration. On average:

- A total of 55 operational items are administered—about 11 per diagnostic category
- A total of 16 passages are administered
- Standard error for the total score is 0.31
- Standard errors for the diagnostic categories are in the range of 0.74 to 0.78

Note that the standard error is higher in reading than the other content areas. This is because reading is passage-based. Rather than selecting one targeted item at a time, the item selection routine evaluates and selects multiple items associated with a given passage. In general, items selected in this manner are not as close to the targeted response probability as stand-alone items selected one by one.

The Reading/Literature CAT configuration for the 2015-2016 school year will mirror the current configuration with one exception – it will include embedded field test items. The field test items will be passage-based where each passage has several associated multiple-choice items and one evidence-based selected response (EBSR) item. Students will take one field test passage and associated items. The positions of the field passage will be unknown to students. It will not be at the end in an effort to avoid any fatigue effect when placing the items on the operational scale.

CAT Configuration 2014–2015—Science Lower Grades

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 4 student will start with an item near the average difficulty of grade 4 items. Items are selected where the response probability is 0.65, meaning a student has a 65% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.62
- A student has taken 15 operational items in that diagnostic category

Functionality is used to restrict the pool and to favor items close to a student's grade. The pool restrictions are:

- No grade 11 items will be administered in the first 40 items
- No Biology or Chemistry items will be administered

Simulations were run with this configuration. On average:

- A total of 52 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.61 to 0.63

The Science Lower Grades CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Science

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 7 student will start with an item near the average difficulty of grade 7 items. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.60
- A student has taken 15 operational items in that diagnostic category

Functionality is used to restrict the pool and to favor items close to a student's grade. The pool restrictions are:

- No grade 11 items will be administered in the first 20 items UNLESS the student is in grade 11 or 12
- No Biology items will be administered in the first 20 items
- No Chemistry items will be administered in the first 20 items

Simulations were run with this configuration. On average:

- A total of 52 operational items are administered – about 13 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.59 to 0.63

The Science CAT configuration for the 2015-2016 school year will mirror the current configuration with one exception – it will include embedded field test items to replenish the item pool. Five field test items will be randomly assigned to fixed positions within the operational test. The positions of field test items will be unknown to students and spread throughout the operational test. Field test items will not be clustered at the end in an effort to avoid any fatigue effect when placing the items on the operational scale.

CAT Configuration 2014–2015—Chemistry

The test has four diagnostic categories. Each student takes 12–15 operational items per diagnostic category for a total test of 48–60 operational items. With no prior information about a student, the starting point in each diagnostic category will be an item of average difficulty. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 12 operational items in that diagnostic category and the standard error is below 0.60
- A student has taken 15 operational items in that diagnostic category

Functionality is used to favor items close to Chemistry. There are no pool restrictions.

Simulations were run with this configuration. On average:

- A total of 53 operational items are administered – about 13 per diagnostic category

- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.60 to 0.64

The Chemistry CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Writing Lower Grades

The test has five diagnostic categories. Each student takes 10–12 operational items per diagnostic category for a total test of 50–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 4 student will start with an item near the average difficulty of grade 4 items. Items are selected where the response probability is 0.65, meaning a student has a 65% chance of answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 10 operational items in that diagnostic category and the standard error is below 0.67
- A student has taken 12 operational items in that diagnostic category

Functionality is used to favor items close to the student’s grade. There are no pool restrictions.

Simulations were run with this configuration. On average:

- A total of 55 operational items are administered—about 11 per diagnostic category
- Standard error for the total score is 0.30
- Standard errors for the diagnostic categories are in the range of 0.67 to 0.69

The Writing Lower Grades CAT configuration for the 2015-2016 school year will mirror the current configuration.

CAT Configuration 2014–2015—Writing/English Composition

The test has five diagnostic categories. Each student takes 10–12 operational items per diagnostic category for a total test of 50–60 operational items. With no prior information about a student, the starting point in each diagnostic category is an item of average difficulty by grade level. For example, a grade 7 student will start with an item near the average difficulty of grade 7 items. Items are selected where the response probability is 0.50, meaning a student has a 50% chance of

answering correctly. The CAT algorithm stops administering items in a diagnostic category when one of two conditions is satisfied:

- A student has taken at least 10 operational items in that diagnostic category and the standard error is below 0.65
- A student has taken 12 operational items in that diagnostic category

Functionality is used to favor items close to the student's grade. There are no pool restrictions.

Simulations were run with this configuration. On average:

- A total of 56 operational items are administered—about 11 per diagnostic category
- Standard error for the total score is 0.29
- Standard errors for the diagnostic categories are in the range of 0.65 to 0.68

The Writing/English Composition CAT configuration for the 2015-2016 school year will mirror the current configuration with one exception – it will include embedded field test items to replenish the item pool. Five field test items will be randomly assigned to fixed positions within the operational test. The positions of field test items will be unknown to students and spread throughout the operational test. Field test items will not be clustered at the end in an effort to avoid any fatigue effect when placing the items on the operational scale.

Appendix R: Standard Setting Experience

DRC's Standard Setting Experience Since 2001

State	Method	Subject(s)	Grade(s)	Focus	Date
Alabama	Modified Angoff	Biology	11	Validation of Alabama High School Graduation Exam (AHSGE)	2009
	Modified Angoff	Biology	11	Set cutpoints for AHSGE	2008
	Modified Angoff	Science	5, 7	Set cutpoints for new assessment	2008
	Modified Angoff	Reading, Language Arts, Mathematics, Social Studies	High School	Set cutpoints for AHSGE	2006
Alaska	Bookmark	Science	4, 8, 10	Set cutpoints for Standards-based Assessments (SBAs)	2008
	Bookmark	Reading, Writing, Mathematics	High School	Validate cutpoints for High School Graduation Qualifying Examination (HSGQE) and set cutpoints for SBAs	2006
	Bookmark	Reading, Writing, Mathematics	3, 4, 5, 6, 7, 8, 9	Set cutpoints for SBAs	2005
Arkansas	Body of Work	ELA, Mathematics	4, 6, 8, End-Of-Course	Set cutpoints	2001
	Contrasting Groups	ELA, Mathematics	4, 6, 8, End-Of-Course	Set cutpoints for Alternate Assessment	2002
Idaho	Bookmark	Biology and Chemistry	End-of-Course	Set cutpoints for new End-of Course Assessments	June 2015
	Bookmark	Reading	3-8, 10	Validate cutpoints for Reading and Mathematics and Set cutpoints for Language Usage and Science	2007
		Mathematics	3-8, 10		
		Language Usage	3-8, 10		
		Science	5, 7, 10		
Bookmark	Reading, Mathematics	3-8, 10 3-8, 10	Set cutpoints in response to peer review	2006	

State	Method	Subject(s)	Grade(s)	Focus	Date
Iowa	Modified Angoff Yes/No	Reading, Mathematics	3-8, 10 and 11	Set cutpoints for the Iowa Assessments	2013
	Modified Angoff Yes/No	Science	5, 8, 11	Set cutpoints for the Iowa Assessments	2013
Louisiana	Modified Bookmark	Mathematics, ELA, Science	All Grades	Set cutpoints for Alternate Assessments 1 (LAA 1)	2008
	Modified Bookmark	Science, Social Studies	4, 8	Set cutpoints for Alternate Assessments 2 (LAA 2)	2008
	Modified Bookmark	ELA, Mathematics	5, 6, 7, 9	Set cutpoints for LAA2	2007
	Bookmark	ELA, Mathematics, Science, Social Studies	3, 5, 6, 7	Set cutpoints for <i>Integrated</i> Louisiana Educational Assessment Program (<i>i</i> LEAP)	2006
			9		
Michigan	Bookmark	Science Social Studies	4, 7, 11 5, 8, 11	Set cutpoints for the new M-STEP Assessments	2015
Minnesota	Item Descriptor Matching	Reading, Mathematics	3, 5	Standards Alignment	2003
Nebraska	Body of work	Writing	4	Set cutpoints for Nebraska State Accountability (NeSA)	2013
	Contrasting Groups	Science	5, 8, 11	Set cutpoints for NeSA	2012
	Body of Work	Writing	8, 11	Set cutpoints for NeSA	2012
	Bookmark	Science	5, 8, 11	Set cutpoints for NeSA	2012
	Contrasting Groups	Mathematics	3-8, 11	Set cutpoints for NeSA	2011
	Bookmark	Mathematics	3-8, 11	Set cutpoints for NeSA	2011
	Contrasting Groups	Reading	3-8, 11	Set cutpoints for NeSA	2010
	Bookmark	Reading	3-8, 11	Set cutpoints for NeSA	2010

State	Method	Subject(s)	Grade(s)	Focus	Date
New York	Bookmark	Geometry and Re-visitation of English Language Arts	Regents Exam	Set Cutpoints for the Regents Exams	June 2015
	Bookmark	Algebra I and English Language Arts	Regents Exam	Set Cutpoints for the Regents Exams	2014
North Carolina	Bookmark	Science	5, 8, High School	Set cutpoints for Science and Life Skills End-of-Grade (EOG) tests (general education and modified)	2008
	Bookmark	Social Studies	High School	Set cutpoints for new assessment	2006
Ohio	Body of Work	Reading	3	Set cutpoints for Alternate Assessment	2004
	Body of Work	Reading, Mathematics	4, 6	Set cutpoints for Alternate Assessment	2004
Oklahoma	Bookmark	Reading, Mathematics	3-8	Align with NAEP (National Assessment of Educational Progress)	2009
Pennsylvania	Bookmark	English Language Arts Mathematics	3-8	Set cutpoints for Pennsylvania System of School Assessment (PSSA)	June 2015
	Random Ordered Item Booklet - Modified Bookmark	Reading	5, 6, 7, 8	Set a single benchmark cut at the point where the student is solidly ready for the next grade or course for the Classroom Diagnostic Tool (CDT)	2011
		Literature	High School		
		Science	5, 6, 7, 8		
		Biology	High School		
		Chemistry	High School		
	Ordered Item Booklet Angoff Yes/No	Reading	4-8, 11	Set cutpoints for Pennsylvania System of School Assessment Modified (PSSA-M)	2011
		Science	8, 11		
	Bookmark	Algebra I, Biology, Literature	High School	Set cutpoints for Keystone Exams	2011
	Random Ordered Item Booklet - Modified Bookmark	Writing	5-8	Set a single benchmark cut at the point where the student is solidly ready for the next grade or course for the Classroom Diagnostic Tool (CDT)	2011
English Composition		High School			

State	Method	Subject(s)	Grade(s)	Focus	Date
<i>(Pennsylvania Continued)</i>	Ordered Item Booklet Angoff Yes/No	Mathematics	4-8,11	Set cutpoints for PSSA-M	2010
	Random Ordered Item Booklet - Modified Bookmark	Mathematics	5, 6, 7, 8	Set a single benchmark cut at the point where the student is solidly ready for the next grade or course for the Classroom Diagnostic Tool (CDT)	2010
		Algebra I	High School		
		Geometry	High School		
		Algebra II	High School		
	Bookmark	Science	4, 8, 11	Set cutpoints for new assessment	2008
	Body of Work	Writing	3-8, 11	Set cutpoints for new assessment	2007
	Bookmark	Reading, Mathematics	3-8, 11	Set cutpoints for new assessment	2007
Bookmark	Reading, Mathematics	3-8, 11	Set cutpoints for new assessment	2006	
South Carolina	Bookmark	United States History and the Constitution	End-of-Course	Peer Review Standard Setting	2014
	Contrasting Groups	Reading, Writing, Mathematics, Science, Social Studies	3-8	Validate new cutpoints for Palmetto Assessment of State Standards (PASS)	2009
	Bookmark	Reading, Writing, Mathematics, Science, Social Studies	3-8	Set cutpoints for PASS	2009

**Appendix S: Source Documentation for
Related Standards for Educational and
Psychological Testing**

APPENDIX S. SOURCES OF TECHNICAL DOCUMENTATION FOR RELATED STANDARDS FOR EDUCATIONAL AND PSYCHOLOGICAL TESTING

Validity		Source Document
1. Validity		
1.1	Interpretation and use of test scores	Guide to Test Interpretations
	Summary of evidence and theory	Technical Report
1.2	Intention and interpretation of scores	Technical Report, Score Reports
	Appropriate population(s)	Technical Report, Administration Manuals
	Construct the test assesses	Technical Report
1.3	Cautions against invalid common misinterpretations	Technical Report
1.4	Justify new use, collecting new evidence if necessary	Technical Report
1.5	Composition of examinee sample	Technical Report
1.6	Specification and generation of test content	Technical Report
	Construct the test is intended to measure	Technical Report
	Criteria such as importance, frequency, or criticality, explained and justified	Technical Report
1.7	Procedures for selecting experts and for eliciting judgments or ratings	Technical Report
	Judges' qualifications, including training and instruction provided	Technical Report
	Scorer independence and level of score agreement reached	Technical Report
	Scorer interaction/influence	Technical Report
1.8	Psychological processes or cognitive operations used by examinees	Technical Report
	Theoretical or empirical evidence in support of those premises	Technical Report
	Same for observers or scorers	Technical Report
1.9	If unaffected by practice, the sensitivity to repeated testing	Technical Report
1.10	Interpreting only specific items or a small subset of items	Technical Report, Score Reports
	User warned against making interpretations contrary to developer specifics	Technical Report, Score Reports, Guide to Test Interpretations

Validity		Source Document
1.11	If parts interdependent, internal structure demonstrated	Technical Report
1.12	Interpretation of sub-scores	Technical Report, Score Reports, Guide to Test Interpretations
	Score difference or profiles including rationale and relevant evidence	Technical Report
	Composite scores	Technical Report
1.13	Data collection procedures	Technical Report
	Potential differences from typical operational testing	Technical Report
	Any features likely to differ from typical operational testing	Technical Report
1.15	Levels of criterion performance and justification	Technical Report
1.16	Criterion variables: suitability and technical quality	Technical Report
1.17	Other quantifiable variables	Technical Report
1.22	Expectation for stated outcome from test recommendation	Technical Report
1.24	Unintended consequences of test construct	Technical Report
2. Reliability and Errors of Measurement		
2.1	Reliabilities and standard errors	Technical Report
2.2	Standard error: overall and conditional for both raw and scale scores	Technical Report
2.3	When emphasizing differences between two tests, reliability data and SEs	Technical Report
2.4	Method for quantifying precision or consistency	Technical Report
	Sampling procedures	Technical Report
2.5	Reliability coefficient and SE for each statistical approach/method	Technical Report
2.10	Subjective scoring inter-rater consistency	Technical Report
2.11	Reliability and SE for subpopulations	Technical Report
2.12	Reliability by grade	Technical Report
2.14	Cut-score SE	Technical Report
2.15	Categorical classification: % in each test form	Technical Report
2.19	Test scores for groups regarded as sample of larger population	Technical Report
2.20	Reliability data for aggregated group performance	Technical Report

Validity		Source Document
3. Test Development and Revision		
3.1	Document evidence of scientific development	Technical Report
3.2	Purpose of test	Technical Report
	Definitions of domain	Technical Report
	Test specifications	Technical Report
3.3	Test specifications: rationale and development process	Technical Report
	Define content	Technical Report
	Number of items, item formats, and item section arrangement	Technical Report
	Psychometric properties of items	Technical Report
	Time for testing	Administration Manuals
	Directions for test takers	Administration Manuals
	Procedures for administration and scoring	Administration Manuals, Technical Report
3.4	Score interpretation: normative or standardization samples	Guide to Test Interpretations, Score Reports, Technical Report
3.5	Expert review of test	Technical Report
3.6	Type of items	Technical Report
	Response formats	Technical Report
	Scoring procedures	Technical Report
	Domain to be measured	Technical Report
	Intended test takers	Administration Manuals, Technical Report
3.7	Procedures for development, review, and tryout items	Technical Report
	Selection of item formats and categories	Technical Report
3.8	Tryout or field tests: procedures for selecting sample and data collected	Technical Report
3.9	IRT documentation: difficulty, discrimination, information, etc.	Technical Report
	Parameter estimation process	Technical Report
3.10	Cross-validation studies for item sets	Technical Report
3.11	Extent to which content domain represents desired test domain	Technical Report
3.14	Scoring for extended-response items	Technical Report
3.17	Sources of irrelevant variance	Technical Report

Validity		Source Document
3.18	Scores reflecting speediness	Technical Report
3.19	Test directions enable reproducible testing	Administration Manuals, Technical Report
3.20	Sufficient instructions for test takers	Administration Manuals
3.21	Permissible variation in condition for test administration	Administration Manuals
3.22	Procedures for scoring	Technical Report
	Rating scales	Technical Report (CR scores)
	Scaled scores	Technical Report
3.23	Process of selecting and training scorers	Technical Report
	Training materials and procedures	Technical Report
	Scorer reliability and potential drift evaluated	Technical Report
4. Scales, Norms, and Score Comparability		
4.2	Construction of scales for reporting scores	Technical Report
4.3	Warning for misinterpretation of scale scores	Technical Report, Score Reports, Guide to Test Interpretations
4.4	Interpretable raw scores: meaning, intended interpretation, limitations	Technical Report, Score Reports, Guide to Test Interpretations
4.9	Score interpretations for criterion-referenced tests	Technical Report, Score Reports, Guide to Test Interpretations
4.10	Score equivalence: rationale for interchangeable test form scores	Technical Report
	Procedure for creating comparable test forms	Technical Report
4.11	Form-to-form equivalence: equating functions, linkages, and accuracy	Technical Report
4.12	Statistical equivalence for different test forms	Technical Report
4.13	Anchor test design: content and empirical relations among scores	Technical Report
	Representativeness and psychometric characteristics of anchors	Technical Report
4.14	Score conversions: construction, interpretation, and limitations	Technical Report
4.15	Assurance against item context effects	Technical Report
4.16	Changes in test specifications noted in test manuals	Technical Report
	Caution against score equivalence	Technical Report
4.17	Stability of common scale tests	Technical Report

Validity		Source Document
4.20	Evidence for cut scores and categories	Technical Report
4.21	Cut scores enable judges to use own knowledge and experience	Technical Report
5. Test Administration, Scoring, and Reporting		
5.1	Administration follows standardized procedures	Administration Manuals
5.2	Modifications or disruptions of administration or scoring procedures	Administration Manuals
5.3	Accommodation procedures	Administration Manuals
5.4	Testing environment: comfort without distraction	Administration Manuals
5.5	Instructions to test takers: how to respond, equipment explanation	Administration Manuals
5.6	Assurance of test score integrity	Administration Manuals, Technical Report
5.7	Test users responsibility for security of test materials	Administration Manuals
5.8	Procedures for scoring	Technical Report
	Monitor and report frequency of scoring errors	Technical Report
	Correct systematic scoring error	Technical Report
5.9	Scoring rubrics for human judges	Technical Report
	Monitoring and documenting adherence to rubrics	Technical Report
5.10	Released test materials use simple language	Administration Manuals, Guide to Test Interpretations
	Materials include coverage, scores, precision, and common misinterpretations	Administration Manuals, Guide to Test Interpretations
5.11	Computer-prepared interpretations include sources, rationale, and justification	OAS
5.12	Group-level info from aggregated test: validity and reliability for aggregate	Technical Report
5.13	Protection of confidentiality for score/identification transmission	Score Reports, Guide to Test Interpretations
5.14	Corrected score reports sent out for material errors	Score Reports
5.15	Guidelines for test data, test protocol, and technical report retention	Technical Report
5.16	Guidelines for retention of test records	Score Reports
6. Supporting Documentation for Tests		
6.1	Test documents made available to prospective test users	Administration Manuals, Guide to Test Interpretations

Validity		Source Document
6.2	Test documents complete, accurate, and written for intended audience	Administration Manuals, Guide to Test Interpretations
6.3	Rationale for test including recommended use and support	Administration Manuals, Guide to Test Interpretations
	Information for score interpretation with caution against misinterpretation	Administration Manuals, Guide to Test Interpretations
6.4	Intended population and specifications	Technical Report
	Item pool and scale development procedures	Technical Report
6.5	Statistical descriptions and analyses of scores and validity of interpretation	Technical Report
	Item level information	Technical Report
	Cut scores rules	Technical Report
	Raw and derived scores	Technical Report
	Standard errors	Technical Report
	Equating procedures	Technical Report
6.6	Test relating to curriculum or material	Technical Report, Administration Manuals, Guide to Test Interpretations
6.7	Qualifications required to administer test and interpret scores accurately	Administration Manuals, Guide to Test Interpretations
6.11	Score interchangeability for multiple methods of administration	Technical Report
6.12	Computer-generated interpretations include summary of support	OAS
6.13	Documentation amended or revised for test changes	ALL
6.14	All test documents contain copyright or publication date	Test Booklets
6.15	General information for test users and researchers on appropriateness of use	Technical Report, Administration Manuals, Guide to Test Interpretations
	General information for guardian consent prior to administration	Administration Manuals
7. Fairness in Testing and Test Use		
7.1	Data for each relevant subgroup as well as whole population	Technical Report, Score Reports
	Subgroup differences in content, scores, response structure, or process	Technical Report, Score Reports

Validity		Source Document
7.2	Construct-irrelevant variance across subgroups and effect on valid inferences	Technical Report
7.3	DIF prompts study into test design, content, and format	Technical Report
7.4	Elimination of offensive content	Content Reviews
7.5	Alternate explanations for interpretation of individualized performance	Technical Report
7.7	Elimination of unnecessary reading or linguistic demands	Technical Report, Content Reviews
7.9	Policy instruments: inform policymakers of test implications	Technical Report, Special Memos
7.10	Mean difference studies for subgroups	Technical Report, Score Reports
7.12	Comparable and equitable treatment for all test takers	Administration Manuals
9. Testing Individuals of Diverse Linguistic Backgrounds		
9.1	Test practices reduce threats to reliability and validity due to language	Administration Manuals, Technical Report, Content Reviews
10. Testing Individuals with Disabilities		
10.1	Ensure scores accurately reflect intended construct rather than disability	Technical Report
10.2	Individuals knowledgeable of disabilities modify test and administration	Administration Manuals
10.3	Pilot test modified tests with examinees with similar disabilities	Technical Report, Administration Manuals
10.4	Modifications made for disability and evidence of validity in test manual	Administration Manuals
	Caution regarding confidence of score interpretation	Technical Report
10.5	Documents with modified tests state modifying steps likely to alter validity	Administration Manuals
	Fatigue investigated as important factor	Technical Report (omit rates)
10.7	Effects of modifications for people with various disabilities	Technical Report
10.8	Responsibilities of administrators for modified forms	Administration Manuals
10.10	Test modifications appropriate for test taker yet maintain validity	Administration Manuals, Technical Report
10.11	Lacking evidence of comparability, modification info provided to test users	Administration Manuals

Validity		Source Document
13. Educational Testing and Assessment		
13.2	Evidence of test's technical quality for each (if multiple) purpose	Technical Report
13.3	Appropriate range of knowledge tested and elicited target domain responses	Technical Report
	Aspects of target domain test represents as well as those it fails to represent	Technical Report
13.11	Test users ensure preparation activities or materials do not affect score validity	Administration Manuals
13.12	Individuals selecting tests understand test process and outcomes	Technical Report
13.14	Score reports contain statement of measurement error and score interpretation	Score Reports, Technical Report
13.15	Reports of group differences are accompanied by contextual information	Technical Report
13.16	Date of administration reported with test score	Score Reports
13.17	Change or gain in scores defined and technical qualities reported	Technical Report
13.18	Documentation for tests administered and scored using multimedia/computers	Technical Report, OAS
	Construct-irrelevant variance of computer-based testing addressed in design	Technical Report, OAS
13.19	Sample size and shape of score distributions for groups on score summaries	Technical Report

Appendix T: Service Level Agreements

APPENDIX T: SERVICE LEVEL AGREEMENTS

DRC has reviewed Appendix J: Service Level Agreements (SLA) of the RFP. Per page 67 of the RFP, Offerors are allowed to propose modifications to the Service Level Agreements. DRC proposes the following modifications:

SLA	ORIGINAL LANGUAGE	PROPOSED REVISION
3. System Availability and Response Time—System Down Time	<p>Service Measurement: Measured by the total of all system downtime over a continuous 30-day period.</p> <p>Definition: Cumulative system downtime must not exceed 6 hours over a continuous 30-day period.</p>	<p>Service Measurement: Measured by the total of all unplanned system downtime over a continuous 30-day period.</p> <p>Definition: Cumulative unplanned system downtime must not exceed 6 hours over a continuous 30-day period.</p>
7. Operations and Maintenance—Security Breach	<p>Service Measurement: Notify the Commonwealth within 15 minutes of the discovery of a breach.</p>	<p>Service Measurement: Notify the Commonwealth within 24 hours of the discovery of a breach.</p>



**Appendix U: Classroom Diagnostic Tools—
Possible Report Enhancements**

APPENDIX U. CLASSROOM DIAGNOSTIC TOOLS— POSSIBLE REPORT ENHANCEMENTS

The DRC team has worked closely with PDE, the CDT Core Team, and Pennsylvania educators over the years to understand the needs of report users and have responded with enhancements to the reporting tool. Some examples of past enhancements include:

- Feedback from teachers revealed that the meaning of the colored dots used on the learning progression maps wasn't always easy to discern. As a result, DRC began using "x" marks within the red dots and check marks within the green dots so that the meaning was easier for teachers to interpret graphically.
- The Group Learning Progression map was inspired by a mock-up developed by a school CDT user.
- The CDT usage reports were developed by DRC in response to requests from PDE and the CDT users in the field to provide insight into CDT participation at a school, district, and state level.

DRC is committed to continue enhancing the CDT reporting tool under the new contract. Below, we explore possible enhancements that we believe would improve teachers' ability to use report data, and ultimately, increase CDT participation in the field. DRC looks forward to discussing these enhancements and their associated costs with PDE upon award.

Aggregate Reports

The diagnostic features of the group and individual maps could be extended to the school, district, and grade levels. These reports would mirror the diagnostic data of the individual and group maps, but be aggregated by district, school, or grade within a school. Such information could be used to inform resource decisions or identify the need for new or different instructional approaches or interventions at these levels.

DRC would work with PDE to determine options for displaying meaningful, user-friendly data for a large number of students. Special considerations need to be made for displaying aggregate results since the CDT is voluntary.

Student Reports with All CDT Subjects Included

PDE may want to consider adding a new report to the CDT reporting suite to give teachers the ability to view a student's CDT results for all subjects within a given year. Educator teams would find this useful for activities such as IEP conferencing.

Computer-Adaptive Testing Tutorial

Feedback has shown that some teachers and students may not be familiar with the CDT and with the concept of computer-adaptive testing. DRC could prepare a short video tutorial that explores the differences between fixed-length tests and computer-adaptive tests (CATs), and discusses the advantages of a CAT. This would help students know what to expect during testing, and help teachers to better understand the data provided in the CDT reports. It is possible that such a tutorial could reduce testing time if students are instructed that an adaptive test is designed to be challenging and that if they do not know the answer they should give their best effort and move on.

Diagnostic Category-Specific CAT

Another enhancement for PDE's consideration is to provide the capability to administer a CDT for a specific diagnostic category. This model has been suggested by Pennsylvania educators who would like the ability to administer a more focused CDT in order to analyze their students' learning of specific content after they administered a full CDT test. A diagnostic-category CDT could be a shorter test than the full CDT and still provide reliable data at the category level. Results would be immediately available in the reporting suite.

DRC would be pleased to collaborate with PDE and the CDT Core Team to determine the test specifications like number of items to be administered given standard error targets. This enhancement may be particularly appealing to PDE since item replenishment is planned for year 3, since this enhancement may require a larger item bank.

Possible Uses of Non-Secure Items

DRC is committed to assisting the Pennsylvania Department of Education in its effort to provide districts and schools with the tools required to support the delivery of focused instructional programs aligned with Pennsylvania's Assessment Anchors and Eligible Content. DRC understands that PDE plans to refresh CDT item pool in year 3 of the contract. Although the Official RFP Questions and Answers indicates that Offerors should not plan on the release of items, the refreshment plan may provide an opportunity for some innovative options if PDE decides to release items in the future. DRC presents for PDE's consideration the following options for the possible use of retired/released items. Each of the options may be used to support PDE's mission to academically prepare children to succeed and to ensure that support and resources are in place for all students.

Online Item Samplers

One option for the use of released CDT items is the creation of Online Item Samplers (OIS) representing grade bands and courses reflective of each CDT CAT. The proposed OIS for the CDT will be similar to the popular PDF versions of the PSSA and Keystone Item and Scoring Samplers that DRC has produced for PDE since 2004. An OIS is designed to provide a general, annotated introduction to the typical content of a particular test. An OIS is not computer adaptive. Should PDE desire, DRC proposes to make each CDT OIS include a representative sample of the content of the items that appear on a typical CDT CAT. In addition to the item key (correct answer) and the Assessment Anchor and Eligible Content coding information, an annotation providing a brief analysis or rationale will be provided for each item in the OIS.

For a stimulus-based CDT CAT, OIS items will be organized around the stimulus. Since a CDT CAT is not typically limited to a specific grade level, the CDT OIS will also reflect a specific range within a CAT (the general span will reflect the grade/course focus of the CDT OIS) and will cover a range of difficulty levels within a grade. The following table proposes a development design for the CDT OIS.

Proposed CDT OIS Development Design

CDT CAT	CDT OIS	Number of Sample Items
Mathematics	Mathematics Grades 3–5	24
Mathematics	Mathematics Grades 6–8	24
Algebra I	Algebra I	16
Algebra II	Algebra II	16
Geometry	Geometry	16
Reading/Literature	Reading Grades 3–5	24
Reading/Literature	Reading Grades 6–8	24
Reading/Literature	Literature	16
Science	Science Grades 3–5	24
Science	Science Grades 6–8	24
Biology	Biology	16
Chemistry	Chemistry	16
Writing/English Composition	Writing Grades 3–5	24
Writing/English Composition	Writing Grades 6–8	24
Writing/English Composition	English Composition	16

Practice Tests (PT) and Guided Practice Tests (GPT)

A second option for the use of the released CDT items is the creation of Practice Tests (PT) and their counterpart, Guided Practice Tests (GPT). Unlike an OIS (see above), a CDT PT is partial-length to full-length example of a CDT CAT event. Should PDE desire, DRC proposes to create each CDT PT to be anywhere from half the length to the same full length as the shortest possible test for a given CAT. DRC will work with PDE to determine what the best length of the CDT PT would be for PDE's purposes. However, the CDT PT would not be computer adaptive; rather, the CDT PT will be reflective of the grade-level content of an at-grade student as expressed by the grade-level Assessment Anchors and Eligible Content. In addition, the items within the CDT PT will cover the range of difficulty at the grade level. If PDE desires, an answer key for the entire test can also be available in a Help file attached to each CDT PT.

The Guided Practice Test version will be the same test as the PT and will be presented in the same order as the PT. However, each item within the GPT will include detailed information about the content of the item, including the standard (AAEC) being measured by the item, the key (correct answer), and an explanation of the required cognitive process within the content of the item, describing how a student can arrive at the correct answer. PT and GPT can be developed at each grade within each CDT CAT or they can be developed to represent grade-spans within each CDT CAT. The following table proposes development design options for the CDT PT and GPT.

Proposed CDT PT and GPT Development Design Options

CDT CAT	CDT PT and GPT	Size of PT/GPT Compared to a CDT CAT
Mathematics	2 grade-span PT/GPT or 6 grade-level PT/GPT	Between 50% to 100%
Algebra I	1 course-level PT/GPT	Between 50% to 100%
Algebra II	1 course-level PT/GPT	Between 50% to 100%
Geometry	1 course-level PT/GPT	Between 50% to 100%
Reading/Literature	3 grade-span/course PT/GPT or 7 grade-level/course PT/GPT	Between 50% to 100%
Science	2 grade-span PT or 6 grade-level PT/GPT	Between 50% to 100%
Biology	1 course-level PT/GPT	Between 50% to 100%
Chemistry	1 course-level PT/GPT	Between 50% to 100%
Writing/English Composition	3 grade-span PT/GPT or 7 grade-level/course PT/GPT	Between 50% to 100%

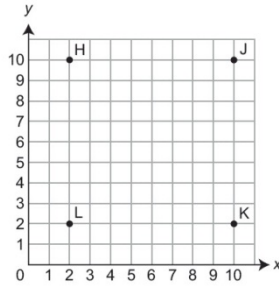
Additional Sample Items

Currently the Individual and Group Learning Progression Maps contain links to an example item for each Eligible Content. Released items could be added to these maps to illustrate different ways in which the same content could be assessed.

The example items below are illustrations of the same Eligible Content, M05.C-G.1.1.2: *Represent real-world and mathematical problems by plotting points in quadrant I of the coordinate plan and interpret coordinate values of points in the context of the situation.* These two sample items demonstrate that increasing the number of sample items will provide educators with a greater understanding about how the standard can be approached.

Example Items

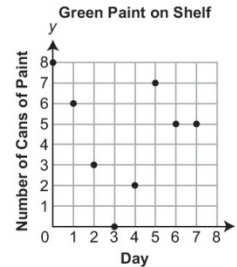
1. A garage has a rectangular floor. The four points graphed on the coordinate grid below represent the locations of the four corners of the floor.



The opening for the garage door can be represented by a line segment. Each point on the line segment has an x -coordinate of 10. The opening for the garage door lies between which corners of the floor?

- A. H and J
- * B. J and K
- C. K and L
- D. L and H

2. The graph below shows the number of cans of green paint a store had on a shelf during a 7-day period.



Based on the graph, which statement about the point graphed on the x -axis **must** be true?

- A. The store sold 3 cans of green paint on day 3.
- B. There were 8 cans of green paint on the shelf on day 8.
- * C. There were 0 cans of green paint on the shelf on day 3.
- D. The store had 8 cans of green paint on the shelf at the start of the 7-day period.

Focus Groups for CDT Enhancements

DRC recognizes the importance of receiving input from actual report users. Over the years, DRC and PDE have received valuable feedback that has helped inform report design and we would like to continue this process with the enhancements discussed above. DRC has used focus groups in the past as a key step in the development process for Pennsylvania's Keystone Exams and PSSA student score reports and program summary reports. Due to the complexity of the assessment results, it was crucial to gain user feedback on different aspects of the reports. Focus group session topics included general reactions to the reports, understanding of text and concepts, readability, intuitive functional format, exploring additional desired features, and ranking alternative displays/formats.

Under the new contract, focus groups could be used to support report development and enhancements for the CDT. We have found that focus groups are an extremely effective tool to gain valuable insight from key Pennsylvania stakeholders on report design, readability, ease of use, and data interpretation. Holding focus groups with a variety of stakeholders, including educators, administrators, students, and parents/guardians, provides these groups with a voice during report development. Sessions would be held at key points within the report development cycle, so that stakeholder feedback can influence report design development. DRC would be pleased to discuss focus groups for various CDT enhancements with PDE upon contract award.