



TRANSITIONAL COLORADO ASSESSMENT PROGRAM

Colorado TCAP 2012  
Reading, Writing,  
Mathematics & Science

Grades 3-10

Final

General  
Research Tape Format

Technology  
CTB/McGraw-Hill  
Monterey, CA 93940

JUNE 19, 2012

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## GENERAL INFORMATION

The location of these fields in the student record is as follows.

Content area: Position 10-12  
Grade: Position 48-49  
Form: Position 102-103  
Level: Position 104-105

Form: U (change)

Content Area: 001 Spanish Reading  
002 Spanish Writing  
003 English Reading  
004 English Writing  
005 English Mathematics  
006 English Science

Grade: 3 Level: 13  
Grade: 4 Level: 14  
Grade: 5 Level: 15  
Grade: 6 Level: 16  
Grade: 7 Level: 17  
Grade: 8 Level: 18  
Grade: 9 Level: 19  
Grade: 10 Level: 20

**RECORD LENGTH** 790 bytes

### TOTAL TEST SCORES

Omitted tests will have blank score fields, except for the total test Performance Level which is '5' if the student did not have a valid attempt on the test.

Students will not have a total test score if either of the following is true.

1. Test Invalidation 1 - Special Code Q = 1, 2, 4, 5, 6, 7, 8, 9 or B (Reading-Math-Science)
2. Test Invalidation 2 - Special Code V = 1, 2, 4, 5, 6, 7, 8, 9 or B (Writing)
3. Student did not answer enough items to have a valid attempt on the test.

### CONTENT STANDARDS INFORMATION

Only the standards appropriate for a particular test/level will contain information.

Students will not have any Content Standard scores if either of the following is true.

1. Test Invalidation 1 - Special Code Q = 1, 2, 4, 5, 6, 7, 8, 9 or B (Reading-Math-Science)
2. Test Invalidation 2 - Special Code V = 1, 2, 4, 5, 6, 7, 8, 9 or B (Writing)
3. Student did not answer enough items to have a valid attempt on the test

### SUBCONTENT AREA INFORMATION

Only the Subcontent areas appropriate for a particular test/level will contain information.

Students will not have any Subcontent Area scores if either of the following is true.

1. Test Invalidation 1 - Special Code Q = 1, 2, 4, 5, 6, 7, 8, 9 or B (Reading-Math-Science)
2. Test Invalidation 2 - Special Code V = 1, 2, 4, 5, 6, 7, 8, 9 or B (Writing)
3. Student did not answer enough items to have a valid attempt on the test

### **ITEM RESPONSE INFORMATION**

The number of bytes allocated on the record for the Multiple Choice Items for each test session is 45 and for Constructed Response Items for each test session are 10. The unused positions of any section will be padded to the right with blanks. If a student has omitted a Multiple Choice item, that position is blank. All Constructed Response items will have a numeric value representing the score or a condition code.

#### **Multiple Choice Items – Reading, Writing & Science**

Each item in the test is represented by a byte that contains one of the following:

<b>Contents</b>	<b>Meaning</b>
Blank	Constructed response item position, omitted multiple choice item or multiple marked item
1	Wrong, response position 1 marked
2	Wrong, response position 2 marked
3	Wrong, response position 3 marked
4	Wrong, response position 4 marked
5	Right, response position 1 marked
6	Right, response position 2 marked
7	Right, response position 3 marked
8	Right, response position 4 marked

#### **Multiple Choice Items - Mathematics**

Each item in the test is represented by a byte that contains one of the following:

<b>Contents</b>	<b>Meaning</b>
Blank	Constructed response item position, omitted multiple choice item or multiple marked item
1	Wrong, response position 1 marked
2	Wrong, response position 2 marked
3	Wrong, response position 3 marked
4	Wrong, response position 4 marked
5	Wrong, response position 5 marked
6	Right, response position 1 marked
7	Right, response position 2 marked
8	Right, response position 3 marked
9	Right, response position 4 marked
0	Right, response position 5 marked

#### **Constructed Response Items – Reading & Writing**

Each item is represented by a byte that contains one of the following:

<b>Contents</b>	<b>Meaning</b>
0 - 6	Number of points received
7	No response (blank, refusal, insufficient to score)
8	Illegible/Off topic
9	Another language

#### **Constructed Response Items – Mathematics & Science**

Each item is represented by a byte that contains one of the following:

<b>Contents</b>	<b>Meaning</b>
0 - 5	Number of points received
6	Blank - No response
7	Refusal
8	Illegible
9	Another language

## STUDENT BIOGRAPHIC INFORMATION

The student biographical fields may contain blanks. It can happen because of any of three following reasons/situations:

- The precode file did not contain data for that particular field. OR
- The field was not marked on the BIO page and barcode label was not used. OR
- The field might have been blanked out during the SBD process.

If the student does not have a barcode, there will be a '\*' or blank for non-attempts, and '-' or '#' for multiple marks for items that have more than one choice.

## STUDENT NAME & STUDENT ID

The Student Name and the Student IDs (State & District) will be reported in the GRT.

- If a barcode was used and if longer name was provided in the Precode file
  - The Student Name will be reported as follows - Last Name (20 bytes), First Name (9 bytes) and Middle Initial (1 byte).
  - The District ID will be reported in the UDD area (14-23)
- If a barcode was NOT used, student name will come from the test books
  - The Student Name will be reported as follows - Last Name (11 bytes), First Name (6 bytes) and Middle Initial (1 byte)
  - The District ID will be NOT be reported in the UDD

## Combined GRF Layout Note

We had combined the Reading, Mathematics, Science and Writing GRF Layout documentation in one combined GRF Layout document in the previous year. Please note the following for the combined layout documentation;

### Accommodations:

- *Reading, Mathematics, or Science GRF*
  - GRF positions 213 to 225 will have Accommodations for Reading OR Mathematics OR Science.
  - GRF positions 234 to 246 will be blank.
- *Writing GRF:*
  - GRF positions 213 to 225 will be blank
  - GRF positions 234 to 246 will have Accommodations for Writing.

### Test Invalidations:

- *Reading, Mathematics, or Science GRF*
  - GRF position 128 Sp. Codes Col. Q will have Test Invalidation for Reading, Mathematics, or Science.
  - GRF position 133 Sp. Codes Col. V will be blank.
- *Writing GRF:*
  - GRF position 128 Sp. Codes Col. Q will be blank
  - GRF position 133 Sp. Codes Col. V will have Test Invalidation for Writing (W).

### The following fields have changes:

Field Name	Changes
Accommodations in Position 125 (Col N) and 126 (Col O) They are now placed as shown below	Not used – will have blanks
Accommodation – Reading/Math/Science Position 213 to 225	Expanded
Accommodation – Writing Position 234 to 246	Expanded
Invalidation - Eligible to take CoAlt Assessment	Test changed from 'CSAPA' to 'CoAlt'
Accommodation - Assistive technology	Changed from 'Assistive communication device' to 'Assistive technology'
State Use (10 fields)	Added



**Full credit for Students with Braille Version Accommodations:** The following items will appear in the GRT as-is or as-marked, but full credit will be provided for these items. These items will not be used for 'valid attempt rules'.

Gr.	Content Area	Type	Book Item No
5	Science	MC	5
5	Science	MC	13
6	Math	MC	48
8	Science	MC	32
10	Math	MC	27

These items will be marked with a 'pound sign' in the layout pages and a note saying the following: "# Please note that this item will appear in the GRT (as marked) but full credit will be provided."

**Item Suppression:** The following items will appear in the GRT as-is or as-marked, but they are suppressed for 'scoring' purposes:

Gr.	Content Area	Type	Book Item No
4	Reading	MC	22
7	Reading	MC	50
9	Reading	MC	21
9	Reading	MC	105
10	Reading	MC	9
10	Reading	MC	20
8	Math	MC	57
10	Science	MC	60

These items will be marked with two asterisks in the layout pages and a note saying the following: "\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes."

## GENERAL RESEARCH FILE FORMAT

### STUDENT BIOGRAPHICAL INFORMATION

Start	End	Field Name	Length	Comments
1	1	Record Type	1	C' for TCAP
		C = TCAP		
2	2	CTB Mode	1	
3	9	CTB Organization ID	7	Org Tstg Pgm
10	12	Content Area	3	
		001 = Spanish Reading		
		002 = Spanish Writing		
		003 = English Reading		
		004 = English Writing		
		005 = Mathematics		
		006 = Science		
13	42	District Name	30	
43	46	District Number	4	
47	47	District Size	1	
		1 = 300 or less		
		2 = 301 - 600		
		3 = 601 - 1200		
		4 = 1201 - 6000		
		5 = 6001 - 25000		
		6 = 25001 or more		
48	49	Grade	2	
50	51	State	2	
52	81	School Name	30	
82	85	School Number	4	
86	92	CTB Student Element Number	7	
93	101	Test Name	9	TCAP
102	103	Test Form (change)	2	U
104	105	Test Level	2	
		13 = Grade 3		
		14 = Grade 4		
		15 = Grade 5		
		16 = Grade 6		
		17 = Grade 7		
		18 = Grade 8		
		19 = Grade 9		
		20 = Grade 10		
106	111	Official Test date (MMDDYY)	6	
		<b>Student Special Codes</b>		
112	121	State Student ID	10	Sp. Code A-J
122	122	Blank10 - not used	1	Sp. Code K
123	123	In School continuously enrolled 1 year	1	Sp. Code L

Start	End	Field Name	Length	Comments
		0 = No		
		1 = Yes		
124	124	In District continuously enrolled 1 year	1	Sp. Code M
		0 = No		
		1 = Yes		
125	125	Blank - not used (change)	1	Sp. Code N
126	126	Blank - not used (change)	1	Sp. Code O
127	127	Language Background	1	Sp. Code P
		0 = English		
		1 = Spanish		
		2 = Other		
128	128	Test Invalidation 1 (R-M-S) (Please refer to Combined GRF Layout note)	1	Sp. Code Q
		0 = Student tested all sessions		
		1 = Unable to test due to language		
		2 = Taking CoAlt Assessment		
		4 = Parental refusal		
		5 = Test not completed		
		6 = Withdrew before completion		
		7 = Extreme frustration		
		8 = Nonapproved accomm/modification		
		9 = Misadministration		
		B = District ed. services		
129	129	Blank3 - Not used in TCAP	1	Sp. Code R
130	130	IEP	1	Sp. Code S
		0 = No		
		1 = Yes		
131	131	504 Plan	1	Sp. Code T
		0 = No		
		1 = Yes		
132	132	Title 1	1	Sp. Code U
		0 = No		
		1 = Yes		
133	133	Test Invalidation 2 (W) (Please refer to Combined GRF Layout note)	1	Sp. Code V
		0 = Student tested all sessions		
		1 = Unable to test due to language		
		2 = Taking CoAlt Assessment		
		4 = Parental refusal		
		5 = Test not completed		
		6 = Withdrew before completion		
		7 = Extreme frustration		
		8 = Nonapproved accomm/modification		
		9 = Misadministration		
		B = District ed. services		
134	134	Oct New to School	1	Sp. Code W
		0 = No		
		1 = Yes		
135	135	Migrant	1	Sp. Code X

Start	End	Field Name	Length	Comments
		0 = No		
		1 = Yes		
136	136	Immigrant	1	Sp. Code Y
		0 = No		
		1 = Yes		
137	137	District Use Only A (Expelled)	1	Sp. Code Z
		0 = No		
		1 = Yes		
		<b>User Defined Data</b>		
138	141	Blank1 - not used in TCAP	4	
142	142	District Use Only C (Free/Reduced Lunch)	1	
		1 = Free Lunch Eligible		
		2 = Reduced Lunch Eligible		
		3 = Not Eligible		
143	143	Language Proficiency	1	
		0 = Not applicable		
		1 = NEP		
		2 = LEP		
		3 = FEP		
144	144	ELL Program – Bilingual	1	
		0 = No		
		1 = Yes		
		2 = Monitored Y1		
		3 = Monitored Y2		
		4 = Exited Y3+		
		5 = Choice		
145	145	ELL Program – ESL	1	
		0 = No		
		1 = Yes		
		2 = Monitored Y1		
		3 = Monitored Y2		
		4 = Exited Y3+		
		5 = Choice		
146	146	Blank - Not Used	1	
147	147	In Colorado - continuously enrolled 3 years	1	
		0 = No		
		1 = Yes		
148	148	Blank2 - not used in TCAP	1	
149	150	Primary Disability – State Code (2 digit)	2	
		00 = None		
		01 = Limited intellectual capacity		
		03 = Emotional disability		
		04 = Specific learning disability		
		05 = Hearing disability		
		06 = Visual disability		
		07 = Physical disability		
		08 = Speech/language disability		

Start	End	Field Name	Length	Comments
		09 = Deaf-blind		
		10 = Multiple disabilities		
		13 = Autism		
		14 = Traumatic brain injury		
151	160	Student ID Number (District)	10	
161	161	Homeless (District Use-D)	1	
		0 = No		
		1 = Yes		
162	162	GT Designation	1	
		0 = No. Not Gifted		
		1 = Language Arts Gifted		
		2 = Mathematics Gifted		
		3 = Both Language Arts & Mathematics Gifted		
		4 = Other Gifted		
163	175	Blank4 - not used in TCAP	13	
176	181	Date most recently enrolled in US	6	
182	189	CTB Use 1	8	
190	197	CTB Use 2	8	
198	198	CTB Use 3	1	
199	200	Ethnicity: Hispanic or Latino	2	
		04 = Hispanic or Latino		
		00 or blank = Not Hispanic or Latino		
201	202	Race: American Indian or Alaska Native	2	
		01 = American Indian or Alaska Native		
		00 or blank = Not American Indian or Alaska Native		
203	204	Race: Asian	2	
		02 = Asian		
		00 or blank = Not Asian		
205	206	Race: Black or African American	2	
		03 = Black or African American		
		00 or Blank= Not Black or African American		
207	208	Race: White	2	
		05 = White		
		00 or blank = Not White		
209	210	Race: Native Hawaiian or Other Pacific Islander	2	
		06 = Native Hawaiian or Other Pacific Islander		
		00 or blank = Not Native Hawaiian or Other Pacific Islander		
211	212	Federal Race/Ethnicity Reporting Category	2	
		01 = American Indian or Alaska Native		
		02 = Asian		
		03 = Black or African American		
		04 = Hispanic or Latino		
		05 = White		
		06 = Native Hawaiian or Other Pacific Islander		
		07 = Two or more races		
		Accommodations (R-M-S) (change) (Please refer to Combined GRF Layout note)		
213	213	None (1 = Yes; Blank = No)	1	

Start	End	Field Name	Length	Comments
214	214	Braille version (1 = Yes; Blank = No)	1	
215	215	Large-print version (1 = Yes; Blank = No)	1	
216	216	Teacher-read directions only (1 = Yes; Blank = No)	1	
217	217	Use of manipulatives (1 = Yes; Blank = No)	1	
218	218	Scribe (1 = Yes; Blank = No)	1	
219	219	Signing (1 = Yes; Blank = No)	1	
220	220	Assistive technology (1 = Yes; Blank = No)	1	
221	221	Extended timing used (1 = Yes; Blank = No)	1	
222	222	Oral script (1 = Yes; Blank = No)	1	
223	223	Appr. nonstandard accomm. (1 = Yes; Blank = No)	1	
224	224	Translated oral script (1 = Yes; Blank = No)	1	
225	225	Word-to-Word dictionary (1 = Yes; Blank = No)	1	
226	233	Blank - Used for CELA pro and CoAlt	8	
		Accommodations (W) (change) Please refer to Combined GRF Layout note)		
234	234	None (1 = Yes; Blank = No)	1	
235	235	Braille version (1 = Yes; Blank = No)	1	
236	236	Large-print version (1 = Yes; Blank = No)	1	
237	237	Teacher-read directions only (1 = Yes; Blank = No)	1	
238	238	Use of manipulatives (1 = Yes; Blank = No)	1	
239	239	Scribe (1 = Yes; Blank = No)	1	
240	240	Signing (1 = Yes; Blank = No)	1	
241	241	Assistive technology (1 = Yes; Blank = No)	1	
242	242	Extended timing used (1 = Yes; Blank = No)	1	
243	243	Oral script (1 = Yes; Blank = No)	1	
244	244	Appr. nonstandard accomm. (1 = Yes; Blank = No)	1	
245	245	Translated oral script (1 = Yes; Blank = No)	1	
246	246	Word-to-Word dictionary (1 = Yes; Blank = No)	1	
247	364	Blank - Used for CELA pro and CoAlt	118	
		State Use 0 thru 9 (change)		
365	365	State Use 0. 0 = marked; Blank = Not marked	1	
366	366	State Use 1. 1 = marked; Blank = Not marked	1	
367	367	State Use 2. 2 = marked; Blank = Not marked	1	
368	368	State Use 3. 3 = marked; Blank = Not marked	1	
369	369	State Use 4. 4 = marked; Blank = Not marked	1	
370	370	State Use 5. 5 = marked; Blank = Not marked	1	
371	371	State Use 6. 6 = marked; Blank = Not marked	1	
372	372	State Use 7. 7 = marked; Blank = Not marked	1	
373	373	State Use 8. 8 = marked; Blank = Not marked	1	
374	374	State Use 9. 9 = marked; Blank = Not marked	1	
375	380	Birthdate	6	
		<b>Student Name</b>		
381	400	Student Last Name	20	
401	409	Student First Name	9	
410	410	Student Middle Initial	1	
411	413	Blank - not used in TCAP	3	
414	414	Student's Gender	1	
		F = Female		

Start	End	Field Name	Length	Comments
		M = Male		
415	415	Blank - not used in TCAP	1	

LAYOUT OF STUDENT SCORE DATA

TOTAL TEST SCORES

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(If a student did not have scores reported, the scale scores will be blank.)

Column Start	Column End	FIELD DESCRIPTION	Length
416	418	Total Scale Score	3
419	419	Total Performance Level	1
		1 = Unsatisfactory	
		2 = Partially Proficient	
		3 = Proficient	
		4 = Advanced	
		5 = Not Tested/Invalid	
420	422	Blank	3
423	425	Blank	3

CONTENT STANDARD SCORES (CS)

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Fields will be blank if the Content Standard is not applicable for the Content Area or if the student did not have scores reported.

Column Start	Column End	FIELD DESCRIPTION	Length
		<b>First Content Standard</b>	
426	428	Scale Score	3
429	429	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
430	432	Blank	3
433	435	Blank	3
		<b>Second Content Standard</b>	
436	438	Scale Score	3
439	439	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
440	442	Blank	3
443	445	Blank	3
		<b>Third Content Standard</b>	
446	448	Scale Score	3
449	449	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
450	452	Blank	3
453	455	Blank	3
		<b>Fourth Content Standard</b>	
456	458	Scale Score	3



Column Start	Column End	FIELD DESCRIPTION	Length
459	459	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
460	462	Blank	3
463	465	Blank	3
		<b>Fifth Content Standard</b>	
466	468	Scale Score	3
469	469	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
470	472	Blank	3
473	475	Blank	3
		<b>Sixth Content Standard</b>	
476	478	Scale Score	3
479	479	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
480	482	Blank	3
483	485	Blank	3
		<b>Seventh Content Standard</b>	
486	488	Scale Score	3
489	489	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
490	492	Blank	3
493	495	Blank	3
		<b>Eight Content Standard</b>	
496	498	Scale Score	3
499	499	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
500	502	Blank	3
503	505	Blank	3
		<b>Ninth Content Standard</b>	
506	508	Scale Score	3
509	509	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
510	512	Blank	3
513	515	Blank	3
		<b>Tenth Content Standard</b>	
516	518	Scale Score	3
519	519	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
520	522	Blank	3
523	525	Blank	3

SUBCONTENT AREA SCORES (SA)

Fields will be blank if the Subcontent Area is not applicable for the Content Area or if the student did not have scores reported.

Column Start	Column End	FIELD DESCRIPTION	Length
		<b>First Subcontent Area</b>	
526	528	Scale Score	3
529	529	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
530	532	Blank	3
533	535	Blank	3
		<b>Second Subcontent Area</b>	
536	538	Scale Score	3
539	539	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
540	542	Blank	3
543	545	Blank	3
		<b>Third Subcontent Area</b>	
546	548	Scale Score	3
549	549	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
550	552	Blank	3
553	555	Blank	3
		<b>Fourth Subcontent Area</b>	
556	558	Scale Score	3
559	559	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
560	562	Blank	3
563	565	Blank	3
		<b>Fifth Subcontent Area</b>	
566	568	Scale Score	3
569	569	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
570	572	Blank	3
573	575	Blank	3
		<b>Sixth Subcontent Area</b>	
576	578	Scale Score	3
579	579	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
580	582	Blank	3
583	585	Blank	3

Column Start	Column End	FIELD DESCRIPTION	Length
		<b>Seventh Subcontent Area</b>	
586	588	Scale Score	3
589	589	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
590	592	Blank	3
593	595	Blank	3
		<b>Eight Subcontent Area</b>	
596	598	Scale Score	3
599	599	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
600	602	Blank	3
603	605	Blank	3
		<b>Ninth Subcontent Area</b>	
606	608	Scale Score	3
609	609	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
610	612	Blank	3
613	615	Blank	3
		<b>Tenth Subcontent Area</b>	
616	618	Scale Score	3
619	619	Performance Level	1
		1 = Below Proficient	
		2 = At or Above Proficient	
620	622	Blank	3
623	625	Blank	3

## ITEM RESPONSES

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<b>Start</b>	<b>End</b>	<b>Field Name</b>	<b>Length</b>
626	670	Session 1 multiple choice items	45
671	715	Session 2 multiple choice items	45
716	760	Session 3 multiple choice items	45
761	770	Session 1 constructed response items	10
771	780	Session 2 constructed response items	10
781	790	Session 3 constructed response items	10

## CSV FILE RECORD LAYOUT for Customer - Excel

This record layout is for GRT file in 'CSV' format for use with MS Excel. It contains the field start, end, length and description only. Please refer to the Record layouts in the earlier sections for information about the fields and the possible values of the fields.

1. The Special Codes fields are divided into three columns and the student response fields are divided into six columns because of field length considerations in Excel. In case of student responses, the numbers are preceded by text characters (e. g., MC-1 indicates Multiple Choice session 1, and CR-1 indicates Constructed Response session 1)
2. MS Excel displays very large numbers in scientific notation (e. g. 2E+08, or 1.4E+08). If this type of data appears in a cell, the user can reformat to numerical display by double-clicking on the column header.
3. Leading zeroes are not displayed in Microsoft Excel spreadsheets. The user can modify the format to view leading zeroes by selecting Format - Cells on the Excel spreadsheet menu bar.

Field Description	Length		Excel Col	Short Name
Record Type	1		A	TYPE
CTB Mode	1		B	MODE
CTB Organization ID	7		C	ORG ID
Content Area	3		D	CONTENT
District Name	30		E	DST NAME
District Number	4		F	DST NO.
District Size	1		G	DST SIZE
Grade	2		H	GRADE
State	2		I	STATE
School Name	30		J	SCH NAME
School Number	4		K	SCH NO.
CTB Student Element Number	7		L	ELM NO.
Test Name	9		M	TEST NAME
Test Form	2		N	TEST FORM
Test Level	2		O	TEST LEV
Official Test Date (MMDDYY)	6		P	TEST DATE
State Student ID	10	Sp Code A-J	Q	SASID
Blank - not used	1	Sp. Code K	R	<BLANK>
In School continuously enrolled 1 year	1	Sp Code L	S	IN SCHL
In District continuously enrolled 1 year	1	Sp Code M	T	IN DIST
Blank - not used	1	Sp Code N	U	<BLANK>
Blank - not used	1	Sp Code O	V	<BLANK>
Language Background	1	Sp Code P	W	LANGBCK
Test Invalidation 1 (RMS)	1	Sp Code Q	X	TEST IV 1
Blank3 - not used in TCAP	1	Sp Code R	Y	<BLANK>
IEP	1	Sp Code S	Z	IEP
504 Plan	1	Sp Code T	AA	504 PLAN
Title I	1	Sp Code U	AB	TITLE I
Test Invalidation 2 (W)	1	Sp Code V	AC	TEST IV 2
Oct New to School	1	Sp Code W	AD	OCT NEW

Field Description	Length		Excel Col	Short Name
Migrant	1	Sp Code X	AE	MIGRANT
Immigrant	1	Sp Code Y	AF	IMMIGRANT
District Use only A (Expelled)	1	Sp Code Z	AG	DST USE A
Blank1 - not used in TCAP	4		AH	<BLANK>
District Use only C (Free/Reduced Lunch)	1		AI	DST USE C
Language Proficiency	1		AJ	LANG PRF
ELL Program – Bilingual	1		AK	BILINGUAL
ELL Program – ESL	1		AL	ESL
In ELL program - continuously enrolled 3 years	1		AM	IN ELL
In Colorado - continuously enrolled 3 years	1		AN	IN COLO
Blank2 - not used in TCAP	1		AO	<BLANK>
Primary Disability	2		AP	DISABILITY
Student ID Number (District)	10		AQ	LASID
Homeless (District Use-D)	1		AR	DST USE D
GT Designation (Gifted and Talented)	1		AS	GIFTED
Blank4 - not used in TCAP	13		AT	<BLANK>
Date most recently enrolled in US	6		AU	IN U.S.
CTB Use 1	8		AV	CTBUSE 1
CTB Use 2	8		AW	CTBUSE 2
CTB Use 3	1		AX	CTBUSE 3
Ethnicity: Hispanic or Latino	2		AY	ETHNIC
Race: American Indian or Alaska Native	2		AZ	RACE 1
Race: Asian	2		BA	RACE 2
Race: Black or African American	2		BB	RACE 3
Race: White	2		BC	RACE 5
Race: Native Hawaiian or Other Pacific Islander	2		BD	RACE 6
Federal Race/Ethnicity Reporting Category	2		BE	FED CATG
R-M-S - Accommodations - None	1		BF	AC-RMS-NO
R-M-S - Accommodations - Braille version	1		BG	AC-RMS-BR
R-M-S - Accommodations - Large-print version	1		BH	AC-RMS-LP
R-M-S - Accommodations - Teacher-read directions only	1		BI	AC-RMS-TE
R-M-S - Accommodations - Use of manipulatives	1		BJ	AC-RMS-MN
R-M-S - Accommodations - Scribe	1		BK	AC-RMS-SC
R-M-S - Accommodations - Signing	1		BL	AC-RMS-SI
R-M-S - Accommodations - Assistive technology	1		BM	AC-RMS-AS
R-M-S - Accommodations - Extended timing used	1		BN	AC-RMS-EX
R-M-S - Accommodations - Oral script	1		BO	AC-RMS-OR
R-M-S - Accommodations - Appr. nonstandard accommodations	1		BP	AC-RMS-AP
R-M-S - Accommodations - Translated oral script	1		BQ	AC-RMS-TR
R-M-S - Accommodations - Word-to-Word dictionary	1		BR	AC-RMS-WO
Blank - Used for CELA pro and CoAlt	8		BS	<BLANK>
W - Accommodations - None	1		BT	AC-W-NO
W - Accommodations - Braille version	1		BU	AC-W-BR
W - Accommodations - Large-print version	1		BV	AC-W-LP
W - Accommodations - Teacher-read directions only	1		BW	AC-W-TE
W - Accommodations - Use of manipulatives	1		BX	AC-W-MN

Field Description	Length		Excel Col	Short Name
W - Accom - Scribe	1		BY	AC-W-SC
W - Accom - Signing	1		BZ	AC-W-SI
W - Accom - Assistive technology	1		CA	AC-W-AS
W - Accom - Extended timing used	1		CB	AC-W-EX
W - Accom - Oral script	1		CC	AC-W-OR
W - Accom - Appr. nonstandard accomm.	1		CD	AC-W-AP
W - Accom - Translated oral script	1		CE	AC-W-TR
W - Accom - Word-to- Word dictionary	1		CF	AC-W-WO
Blank - Used for CELA pro and CoAlt	118		CG	<BLANK>
State Use 0	1		CH	STUSE0
State Use 1	1		CI	STUSE1
State Use 2	1		CJ	STUSE2
State Use 3	1		CK	STUSE3
State Use 4	1		CL	STUSE4
State Use 5	1		CM	STUSE5
State Use 6	1		CN	STUSE6
State Use 7	1		CO	STUSE7
State Use 8	1		CP	STUSE8
State Use 9	1		CQ	STUSE9
Birthdate	6		CR	DOB
Student Last Name	20		CS	LAST NAME
Student First Name	9		CT	FIRST NAME
Student Middle Initial	1		CU	MI
Blank - not used in TCAP	3		CV	<BLANK>
Student's Gender	1		CW	GENDER
Blank - not used in TCAP	1		CX	<BLANK>
Total Test - Scale Score	3		CY	TOT SS
Total Test - Performance Level	1		CZ	TOT PL
Blank	3		DA	<BLANK>
Blank	3		DB	<BLANK>
Content Standard 1 - Scale Score	3		DC	CS1 SS
Content Standard 1 - Performance Level	1		DD	CS1 PL
Blank	3		DE	<BLANK>
Blank	3		DF	<BLANK>
Content Standard 2 - Scale Score	3		DG	CS2 SS
Content Standard 2 - Performance Level	1		DH	CS2 PL
Blank	3		DI	<BLANK>
Blank	3		DJ	<BLANK>
Content Standard 3 - Scale Score	3		DK	CS3 SS
Content Standard 3 - Performance Level	1		DL	CS3 PL
Blank	3		DM	<BLANK>
Blank	3		DN	<BLANK>
Content Standard 4 - Scale Score	3		DO	CS4 SS
Content Standard 4 - Performance Level	1		DP	CS4 PL
Blank	3		DQ	<BLANK>
Blank	3		DR	<BLANK>

<b>Field Description</b>	<b>Length</b>		<b>Excel Col</b>	<b>Short Name</b>
Content Standard 5 - Scale Score	3		DS	CS5 SS
Content Standard 5 - Performance Level	1		DT	CS5 PL
Blank	3		DU	<BLANK>
Blank	3		DV	<BLANK>
Content Standard 6 - Scale Score	3		DW	CS6 SS
Content Standard 6 - Performance Level	1		DX	CS6 PL
Blank	3		DY	<BLANK>
Blank	3		DZ	<BLANK>
Content Standard 7 - Scale Score	3		EA	CS7 SS
Content Standard 7 - Performance Level	1		EB	CS7 PL
Blank	3		EC	<BLANK>
Blank	3		ED	<BLANK>
Content Standard 8 - Scale Score	3		EE	CS8 SS
Content Standard 8 - Performance Level	1		EF	CS8 PL
Blank	3		EG	<BLANK>
Blank	3		EH	<BLANK>
Content Standard 9 - Scale Score	3		EI	CS9 SS
Content Standard 9 - Performance Level	1		EJ	CS9 PL
Blank	3		EK	<BLANK>
Blank	3		EL	<BLANK>
Content Standard 10 - Scale Score	3		EM	CS10 SS
Content Standard 10 - Performance Level	1		EN	CS10 PL
Blank	3		EO	<BLANK>
Blank	3		EP	<BLANK>
Subcontent Area 1 - Scale Score	3		EQ	SA1 SS
Subcontent Area 1 - Performance Level	1		ER	SA1 PL
Blank	3		ES	<BLANK>
Blank	3		ET	<BLANK>
Subcontent Area 2 - Scale Score	3		EU	SA2 SS
Subcontent Area 2 - Performance Level	1		EV	SA2 PL
Blank	3		EW	<BLANK>
Blank	3		EX	<BLANK>
Subcontent Area 3 - Scale Score	3		EY	SA3 SS
Subcontent Area 3 - Performance Level	1		EZ	SA3 PL
Blank	3		FA	<BLANK>
Blank	3		FB	<BLANK>
Subcontent Area 4 - Scale Score	3		FC	SA4 SS
Subcontent Area 4 - Performance Level	1		FD	SA4 PL
Blank	3		FE	<BLANK>
Blank	3		FF	<BLANK>
Subcontent Area 5 - Scale Score	3		FG	SA5 SS
Subcontent Area 5 - Performance Level	1		FH	SA5 PL
Blank	3		FI	<BLANK>
Blank	3		FJ	<BLANK>
Subcontent Area 6 - Scale Score	3		FK	SA6 SS
Subcontent Area 6 - Performance Level	1		FL	SA6 PL



<b>Field Description</b>	<b>Length</b>		<b>Excel Col</b>	<b>Short Name</b>
Blank	3		FM	<BLANK>
Blank	3		FN	<BLANK>
Subcontent Area 7 - Scale Score	3		FO	SA7 SS
Subcontent Area 7 - Performance Level	1		FP	SA7 PL
Blank	3		FQ	<BLANK>
Blank	3		FR	<BLANK>
Subcontent Area 8 - Scale Score	3		FS	SA8 SS
Subcontent Area 8 - Performance Level	1		FT	SA8 PL
Blank	3		FU	<BLANK>
Blank	3		FV	<BLANK>
Subcontent Area 9 - Scale Score	3		FW	SA9 SS
Subcontent Area 9 - Performance Level	1		FX	SA9 PL
Blank	3		FY	<BLANK>
Blank	3		FZ	<BLANK>
Subcontent Area 10 - Scale Score	3		GA	SA10 SS
Subcontent Area 10 - Performance Level	1		GB	SA10 PL
Blank	3		GC	<BLANK>
Blank	3		GD	<BLANK>
Text 'MC1-' & Session 1 MC items	49		GE	SES 1 MC
Text 'MC2-' & Session 2 MC items	49		GF	SES 2 MC
Text 'MC3-' & Session 3 MC items	49		GH	SES 3 MC
Text 'CR1-' & Session 1 CR items	14		GI	SES 1 CR
Text 'CR2-' & Session 2 CR items	14		GJ	SES 2 CR
Text 'CR3-' & Session 3 CR items	14		GK	SES 3 CR

CONTENT STANDARDS & SUBCONTENT AREA NAMES – Reading Grade 3

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		GRT Bucket	CS No	Content Standard Name	SA No	Subcontent Area Name
<b>Reading</b>	Gr. 3	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	English	2 to 10		Not applicable – Blank	SA 2	Nonfiction
					SA 3	Vocabulary
						Not applicable – Blank
	Gr. 3	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	Spanish	2 to 10		Not applicable – Blank	SA 2	Nonfiction
					SA 3	Vocabulary
						Not applicable – Blank

NUMBER OF ITEMS BY ITEM TYPE AND TEST SESSIONS – Reading Grade 3

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The following table shows the number of items by item type and test sessions.

Grade	Test	Content	Book Session	Item Response Session	No of Multiple Choice Items	No of Constructed Response Items
Gr. 3	English	Reading	1	1	15	3
			2	2	17	5
					<b>32</b>	<b>8</b>
Gr. 3	Spanish	Reading	1	1	16	4
			2	2	16	4
					<b>32</b>	<b>8</b>

ITEM MAPPING – READING GRADE 3

Reading Grade 3, Form U for 2012				
GRF Position Start	GRF Position End	Book Item No	Item Response Session	Item Type
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	4	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	9	1	Multiple Choice
634	634	10	1	Multiple Choice
635	635	11	1	Multiple Choice
636	636	12	1	Multiple Choice
637	637	13	1	Multiple Choice
638	638	14	1	Multiple Choice
639	639	16	1	Multiple Choice
640	640	18	1	Multiple Choice
641	670	N/A	1	Multiple Choice
671	671	19	2	Multiple Choice
672	672	21	2	Multiple Choice
673	673	22	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	25	2	Multiple Choice
676	676	26	2	Multiple Choice
677	677	28	2	Multiple Choice
678	678	29	2	Multiple Choice
679	679	30	2	Multiple Choice
680	680	31	2	Multiple Choice
681	681	33	2	Multiple Choice
682	682	34	2	Multiple Choice
683	683	35	2	Multiple Choice
684	684	36	2	Multiple Choice
685	685	37	2	Multiple Choice
686	686	38	2	Multiple Choice
687	687	40	2	Multiple Choice
688	715	n/a	2	Blank
716	760	n/a	3	Blank
761	761	5	1	Constructed Response
762	762	15	1	Constructed Response
763	763	17	1	Constructed Response
764	770	n/a	1	Blank
771	771	20	2	Constructed Response
772	772	23	2	Constructed Response
773	773	27	2	Constructed Response

Reading Grade 3, Form U for 2012				
GRF Position Start	GRF Position End	Book Item No	Item Response Session	Item Type
774	774	32	2	Constructed Response
775	775	39	2	Constructed Response
776	780	n/a	2	Blank
781	790	n/a	3	Blank

Reading Grade 3, Form U for 2012 (Spanish)				
GRF Position Start	GRF Position End	Book Item No	Item Response Session	Item Type
626	626	3	1	Multiple Choice
627	627	4	1	Multiple Choice
628	628	5	1	Multiple Choice
629	629	6	1	Multiple Choice
630	630	7	1	Multiple Choice
631	631	9	1	Multiple Choice
632	632	10	1	Multiple Choice
633	633	11	1	Multiple Choice
634	634	12	1	Multiple Choice
635	635	13	1	Multiple Choice
636	636	14	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	641	20	1	Multiple Choice
642	670	n/a	1	Blank
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	23	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	27	2	Multiple Choice
676	676	28	2	Multiple Choice
677	677	29	2	Multiple Choice
678	678	30	2	Multiple Choice
679	679	31	2	Multiple Choice
680	680	33	2	Multiple Choice
681	681	34	2	Multiple Choice
682	682	35	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	686	40	2	Multiple Choice
687	715	n/a	2	Blank
716	760	n/a	3	Blank
761	761	1	1	Constructed Response
762	762	2	1	Constructed Response
763	763	8	1	Constructed Response
764	764	17	1	Constructed Response
765	770	n/a	1	Blank
771	771	25	2	Constructed Response
772	772	26	2	Constructed Response

Reading Grade 3, Form U for 2012 (Spanish)				
GRF Position Start	GRF Position End	Book Item No	Item Response Session	Item Type
773	773	32	2	Constructed Response
774	774	36	2	Constructed Response
775	780	n/a	2	Blank
781	790	n/a	3	Blank

CONTENT STANDARDS & SUBCONTENT AREA NAMES – READING GR. 4 TO 10

		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>
	Gr. 4	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature		Not applicable – Blank
		5 to 10		Not applicable – Blank		
	Gr. 5	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature		Not applicable – Blank
		5 to 10		Not applicable – Blank		
	Gr. 6	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature		Not applicable – Blank
		5 to 10		Not applicable – Blank		
	Gr. 7	1	CS 1	Reading Comprehension	SA 1	Fiction
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature	SA 4	Poetry
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 8	1	CS 1	Reading Comprehension	SA 1	Fiction
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature	SA 4	Poetry
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 9	1	CS 1	Reading Comprehension	SA 1	Fiction
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature	SA 4	Poetry
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 10	1	CS 1	Reading Comprehension	SA 1	Fiction
	English	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature	SA 4	Poetry
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 4	1	CS 1	Reading Comprehension	SA 1/4	Fiction and Poetry
	Spanish	2	CS 4	Thinking Skills	SA 2	Nonfiction
		3	CS 5	Use of Literary Information	SA 3	Vocabulary
		4	CS 6	Literature		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank

CONTENT STANDARDS & SUBCONTENT AREA NAMES – WRITING GR. 3 TO 10

		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>	
<b>Writing</b>	Gr. 3	1	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing	
	English	2	CS 3	Write Using Conventions	SA 7	Grammar & Usage	
		3 to 10			Not applicable – Blank	SA 8	Mechanics
	Gr. 4	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing	
	English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing	
		3 to 10			Not applicable – Blank	SA 7	Grammar & Usage
						SA 8	Mechanics
						Not applicable – Blank	
	Gr. 5	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing	
	English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing	
		3 to 10			Not applicable – Blank	SA 7	Grammar & Usage
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 6	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing		
	3 to 10			Not applicable – Blank	SA 7	Grammar & Usage	
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 7	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing		
	3 to 10			Not applicable – Blank	SA 7	Grammar & Usage	
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 8	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing		
	3 to 10			Not applicable – Blank	SA 7	Grammar & Usage	
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 9	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing		
	3 to 10			Not applicable – Blank	SA 7	Grammar & Usage	
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 10	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
English	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing		
	3 to 10			Not applicable – Blank	SA 7	Grammar & Usage	
					SA 8	Mechanics	
					Not applicable – Blank		
Gr. 3	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing		
Spanish	2nd	CS 3	Write Using Conventions	SA 7	Grammar & Usage		
	3 to 10			Not applicable – Blank	SA 8	Mechanics	
							Not applicable – Blank



		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>
	Gr. 4	1st	CS 2	Write for a Variety of Purposes	SA 5	Paragraph Writing
	Spanish	2nd	CS 3	Write Using Conventions	SA 6	Extended Writing
		3 to 10		Not applicable – Blank	SA 7	Grammar & Usage
					SA 8	Mechanics
						Not applicable – Blank

CONTENT STANDARDS & SUBCONTENT AREA NAMES – MATHEMATICS GR. 3 TO 10

		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>
<b>Math</b>	Gr. 3	1	CS 1	Number Sense		Not applicable – Blank
	English	2	CS 2/3	Algebra, Patterns & Functions and Statistics & Probability		Not applicable – Blank
		3	CS 4/5	Geometry and Measurement		Not applicable – Blank
		4	CS 6	Computational Techniques		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 4	1	CS 1	Number Sense	SA 1	Number & Operation Sense
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Patterns
		3	CS 3	Statistics & Probability	SA 3	Measurement
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5	CS 6	Computational Techniques		Not applicable – Blank
		6 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 5	1	CS 1	Number Sense	SA 1	Number & Operation Sense
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Patterns
		3	CS 3	Statistics & Probability	SA 3	Data Displays
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5	CS 6	Computational Techniques		Not applicable – Blank
		6 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 6	1	CS 1	Number Sense	SA 1	Number & Operation Sense
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Patterns
		3	CS 3	Statistics & Probability	SA 3	Geometry
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5	CS 6	Computational Techniques		Not applicable – Blank
		6 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 7	1	CS 1/6	Number Sense and Computational Techniques	SA 1	Number Sense
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Area & Perimeter Relationships
		3	CS 3	Statistics & Probability		Not applicable – Blank
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 8	1	CS 1/6	Number Sense and Computational Techniques	SA 1	Linear Pattern Representation
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Proportional Thinking
		3	CS 3	Statistics & Probability	SA 3	Geometry
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank

		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>
	Gr. 9	1	CS 1/6	Number Sense and Computational Techniques	SA 1	Multiple Representations of Linear/Nonlinear Functions
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Proportional Thinking
		3	CS 3	Statistics & Probability		Not applicable – Blank
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank
	Gr. 10	1	CS 1/6	Number Sense and Computational Techniques	SA 1	Multiple Representation of Functions
	English	2	CS 2	Algebra, Patterns & Functions	SA 2	Probability & Counting Techniques
		3	CS 3	Statistics & Probability		Not applicable – Blank
		4	CS 4/5	Geometry and Measurement		Not applicable – Blank
		5 to 10		Not applicable – Blank		Not applicable – Blank

CONTENT STANDARDS & SUBCONTENT AREA NAMES – SCIENCE GR. 5, 8 & 10

		<b>GRT Bucket</b>	<b>CS No</b>	<b>Content Standard Name</b>	<b>SA No</b>	<b>Subcontent Area Name</b>
<b>Science</b>	Gr. 5	1	CS 1/5	Scientific Investigation and the Nature of Science	SA 1	Experimental Design & Investigations
	English	2	CS 2	Physical Science	SA 2	Results & Data Analysis
		3	CS 3	Life Science	3 to 10	Not applicable – Blank
		4	CS 4	Earth & Space Science		
		5 to 10		Not applicable – Blank		
	Gr. 8	1	CS 1/5	Scientific Investigation and the Nature of Science	SA 1	Experimental Design & Investigations
	English	2	CS 2	Physical Science	SA 2	Results & Data Analysis
		3	CS 3	Life Science	SA 3	Physics Concepts
		4	CS 4	Earth & Space Science	SA 5	Life Processes
		5 to 10		Not applicable – Blank	SA 6	Geology and Astronomy
					6 to 10	Not applicable – Blank
	Gr. 10	1	CS 1/5	Scientific Investigation and the Nature of Science	SA 1	Experimental Design & Investigations
	English	2	CS 2	Physical Science	SA 2	Results & Data Analysis
		3	CS 3	Life Science	SA 4	Chemistry Concepts
		4	CS 4	Earth & Space Science	SA 5	Life Processes
		5 to 10		Not applicable – Blank	SA 6	Geology and Astronomy
					6 to 10	Not applicable – Blank

NUMBER OF ITEMS BY ITEM TYPE AND TEST SESSIONS – READING Gr. 4 to 10:

The following table shows the number of items by item type and test sessions.

Grade	Test	Content	Book Session	Item Response Session	No of Multiple Choice Items	No of Constructed Response Items
Gr. 4	English	Reading	3	1	17	5
			4	2	21	4
			6	3	18	5
					<b>56</b>	<b>14</b>
Gr. 5	English	Reading	3	1	19	4
			4	2	19	6
			6	3	18	4
					<b>56</b>	<b>14</b>
Gr. 6	English	Reading	3	1	16	6
			4	2	23	4
			6	3	17	4
					<b>56</b>	<b>14</b>
Gr. 7	English	Reading	3	1	19	6
			4	2	19	4
			6	3	18	4
					<b>56</b>	<b>14</b>
Gr. 8	English	Reading	3	1	25	6
			4	2	17	5
			6	3	14	3
					<b>56</b>	<b>14</b>
Gr. 9	English	Reading	3	1	15	5
			4	2	25	4
			6	3	16	5
					<b>56</b>	<b>14</b>
Gr. 10	English	Reading	3	1	19	5
			4	2	20	6
			6	3	17	3
					<b>56</b>	<b>14</b>
Gr. 4	Spanish	Reading	3	1	19	2
			4	2	16	7
			6	3	21	5
					<b>56</b>	<b>14</b>

NUMBER OF ITEMS BY ITEM TYPE AND TEST SESSIONS – WRITING Gr. 3 to 10:

The following table shows the number of items by item type and test sessions.

Grade	Test	Content	Book Session	Item Response Session	No of Multiple Choice Items	No of Constructed Response Items
Gr. 3	English	Writing	1	1	18	10
			2	2	17	8
			3	3	N/A	N/A
					<b>35</b>	<b>18</b>
Gr. 4	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 5	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 6	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 7	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 8	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 9	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 10	English	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>
Gr. 3	Spanish	Writing	1	1	17	10
			2	2	18	8
			3	3	N/A	N/A
					<b>35</b>	<b>18</b>
Gr. 4	Spanish	Writing	1	1	0	1
			2	2	0	9
			5	3	40	3
					<b>40</b>	<b>13</b>

NUMBER OF ITEMS BY ITEM TYPE AND TEST SESSIONS – MATHEMATICS Gr. 3 to 10:

The following table shows the number of items by item type and test sessions.

Grade	Test	Content	Book Session	Item Response Session	No of Multiple Choice Items	No of Constructed Response Items
Gr. 3	English	Mathematics	1	1	16	4
			2	2	16	4
			3	3	N/A	N/A
					<b>32</b>	<b>8</b>
Gr. 4	English	Mathematics	1	1	18	5
			2	2	18	5
			3	3	18	5
					<b>54</b>	<b>15</b>
Gr. 5	English	Mathematics	1	1	18	5
			2	2	18	5
			3	3	18	5
					<b>54</b>	<b>15</b>
Gr. 6	English	Mathematics	1	1	15	5
			2	2	15	5
			3	3	15	5
					<b>45</b>	<b>15</b>
Gr. 7	English	Mathematics	1	1	15	5
			2	2	15	5
			3	3	15	5
					<b>45</b>	<b>15</b>
Gr. 8	English	Mathematics	1	1	15	5
			2	2	15	5
			3	3	15	5
					<b>45</b>	<b>15</b>
Gr. 9	English	Mathematics	1	1	15	5
			2	2	15	5
			3	3	15	5
					<b>45</b>	<b>15</b>
Gr. 10	English	Mathematics	1	1	15	5
			2	2	15	5
			3	3	15	5
					<b>45</b>	<b>15</b>

NUMBER OF ITEMS BY ITEM TYPE AND TEST SESSIONS – SCIENCE Gr. 5, 8 & 10:

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The following table shows the number of items by item type and test sessions.

Grade	Test	Content	Book Session	Item Response Session	No of Multiple Choice Items	No of Constructed Response Items
Gr. 5	English	Science	1	1	19	6
			2	2	19	6
			3	3	19	6
					<b>57</b>	<b>18</b>
Gr. 8	English	Science	1	1	17	8
			2	2	23	7
			3	3	20	8
					<b>60</b>	<b>23</b>
Gr. 10	English	Science	1	1	19	8
			2	2	19	8
			3	3	22	7
					<b>60</b>	<b>23</b>

ITEM MAPPING – READING GR. 4 TO 10

Reading Grade 4, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	4	1	Multiple Choice
627	627	5	1	Multiple Choice
628	628	7	1	Multiple Choice
629	629	9	1	Multiple Choice
630	630	10	1	Multiple Choice
631	631	11	1	Multiple Choice
632	632	12	1	Multiple Choice
633	633	13	1	Multiple Choice
634	634	14	1	Multiple Choice
635	635	15	1	Multiple Choice
636	636	16	1	Multiple Choice
637	637	17	1	Multiple Choice
638	638	19	1	Multiple Choice
639	639	20	1	Multiple Choice
640	640	21	1	Multiple Choice
641	641	22 **	1	Multiple Choice
642	642	24	1	Multiple Choice
643	670	n/a	1	Multiple Choice
671	671	26	2	Multiple Choice
672	672	27	2	Multiple Choice
673	673	28	2	Multiple Choice
674	674	30	2	Multiple Choice
675	675	31	2	Multiple Choice
676	676	32	2	Multiple Choice
677	677	33	2	Multiple Choice
678	678	35	2	Multiple Choice
679	679	36	2	Multiple Choice
680	680	37	2	Multiple Choice
681	681	38	2	Multiple Choice
682	682	39	2	Multiple Choice
683	683	40	2	Multiple Choice
684	684	41	2	Multiple Choice
685	685	42	2	Multiple Choice
686	686	43	2	Multiple Choice
687	687	45	2	Multiple Choice
688	688	46	2	Multiple Choice
689	689	48	2	Multiple Choice
690	690	49	2	Multiple Choice
691	691	50	2	Multiple Choice
692	715	n/a	2	Multiple Choice
716	716	93	3	Multiple Choice
717	717	96	3	Multiple Choice

Reading Grade 4, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
718	718	97	3	Multiple Choice
719	719	98	3	Multiple Choice
720	720	99	3	Multiple Choice
721	721	100	3	Multiple Choice
722	722	101	3	Multiple Choice
723	723	102	3	Multiple Choice
724	724	103	3	Multiple Choice
725	725	104	3	Multiple Choice
726	726	105	3	Multiple Choice
727	727	106	3	Multiple Choice
728	728	107	3	Multiple Choice
729	729	110	3	Multiple Choice
730	730	112	3	Multiple Choice
731	731	113	3	Multiple Choice
732	732	114	3	Multiple Choice
733	733	115	3	Multiple Choice
734	760	n/a	3	Multiple Choice
761	761	6	1	Constructed Response
762	762	8	1	Constructed Response
763	763	18	1	Constructed Response
764	764	23	1	Constructed Response
765	765	25	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	29	2	Constructed Response
772	772	34	2	Constructed Response
773	773	44	2	Constructed Response
774	774	47	2	Constructed Response
775	780	n/a	2	Constructed Response
781	781	94	3	Constructed Response
782	782	95	3	Constructed Response
783	783	108	3	Constructed Response
784	784	109	3	Constructed Response
785	785	111	3	Constructed Response
786	790	n/a	3	Constructed Response

\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes.



Reading Grade 5, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	5	1	Multiple Choice
627	627	7	1	Multiple Choice
628	628	8	1	Multiple Choice
629	629	9	1	Multiple Choice
630	630	10	1	Multiple Choice
631	631	11	1	Multiple Choice
632	632	12	1	Multiple Choice
633	633	13	1	Multiple Choice
634	634	15	1	Multiple Choice
635	635	16	1	Multiple Choice
636	636	17	1	Multiple Choice
637	637	18	1	Multiple Choice
638	638	19	1	Multiple Choice
639	639	20	1	Multiple Choice
640	640	22	1	Multiple Choice
641	641	23	1	Multiple Choice
642	642	24	1	Multiple Choice
643	643	25	1	Multiple Choice
644	644	26	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	27	2	Multiple Choice
672	672	28	2	Multiple Choice
673	673	30	2	Multiple Choice
674	674	31	2	Multiple Choice
675	675	32	2	Multiple Choice
676	676	33	2	Multiple Choice
677	677	34	2	Multiple Choice
678	678	35	2	Multiple Choice
679	679	36	2	Multiple Choice
680	680	37	2	Multiple Choice
681	681	41	2	Multiple Choice
682	682	42	2	Multiple Choice
683	683	43	2	Multiple Choice
684	684	44	2	Multiple Choice
685	685	45	2	Multiple Choice
686	686	46	2	Multiple Choice
687	687	48	2	Multiple Choice
688	688	49	2	Multiple Choice
689	689	50	2	Multiple Choice
690	715	n/a	2	Multiple Choice
716	716	94	3	Multiple Choice
717	717	95	3	Multiple Choice
718	718	97	3	Multiple Choice

Reading Grade 5, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
719	719	98	3	Multiple Choice
720	720	99	3	Multiple Choice
721	721	102	3	Multiple Choice
722	722	103	3	Multiple Choice
723	723	104	3	Multiple Choice
724	724	105	3	Multiple Choice
725	725	106	3	Multiple Choice
726	726	107	3	Multiple Choice
727	727	108	3	Multiple Choice
728	728	109	3	Multiple Choice
729	729	110	3	Multiple Choice
730	730	111	3	Multiple Choice
731	731	112	3	Multiple Choice
732	732	114	3	Multiple Choice
733	733	115	3	Multiple Choice
734	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	6	1	Constructed Response
763	763	14	1	Constructed Response
764	764	21	1	Constructed Response
765	770	n/a	1	Constructed Response
771	771	29	2	Constructed Response
772	772	38	2	Constructed Response
773	773	39	2	Constructed Response
774	774	40	2	Constructed Response
775	775	47	2	Constructed Response
776	776	51	2	Constructed Response
777	780	n/a	2	Constructed Response
781	781	96	3	Constructed Response
782	782	100	3	Constructed Response
783	783	101	3	Constructed Response
784	784	113	3	Constructed Response
785	790	n/a	3	Constructed Response

Reading Grade 6, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	5	1	Multiple Choice
627	627	7	1	Multiple Choice
628	628	8	1	Multiple Choice
629	629	9	1	Multiple Choice
630	630	10	1	Multiple Choice
631	631	13	1	Multiple Choice
632	632	14	1	Multiple Choice
633	633	15	1	Multiple Choice
634	634	16	1	Multiple Choice
635	635	17	1	Multiple Choice
636	636	19	1	Multiple Choice
637	637	20	1	Multiple Choice
638	638	21	1	Multiple Choice
639	639	22	1	Multiple Choice
640	640	24	1	Multiple Choice
641	641	25	1	Multiple Choice
642	670	n/a	1	Multiple Choice
671	671	26	2	Multiple Choice
672	672	27	2	Multiple Choice
673	673	29	2	Multiple Choice
674	674	30	2	Multiple Choice
675	675	31	2	Multiple Choice
676	676	33	2	Multiple Choice
677	677	34	2	Multiple Choice
678	678	35	2	Multiple Choice
679	679	36	2	Multiple Choice
680	680	37	2	Multiple Choice
681	681	38	2	Multiple Choice
682	682	39	2	Multiple Choice
683	683	40	2	Multiple Choice
684	684	41	2	Multiple Choice
685	685	42	2	Multiple Choice
686	686	43	2	Multiple Choice
687	687	44	2	Multiple Choice
688	688	45	2	Multiple Choice
689	689	48	2	Multiple Choice
690	690	49	2	Multiple Choice
691	691	50	2	Multiple Choice
692	692	51	2	Multiple Choice
693	693	52	2	Multiple Choice
694	715	n/a	2	Multiple Choice
716	716	95	3	Multiple Choice
717	717	96	3	Multiple Choice

**Reading Grade 6, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
718	718	97	3	Multiple Choice
719	719	98	3	Multiple Choice
720	720	100	3	Multiple Choice
721	721	101	3	Multiple Choice
722	722	102	3	Multiple Choice
723	723	104	3	Multiple Choice
724	724	105	3	Multiple Choice
725	725	108	3	Multiple Choice
726	726	109	3	Multiple Choice
727	727	110	3	Multiple Choice
728	728	111	3	Multiple Choice
729	729	112	3	Multiple Choice
730	730	113	3	Multiple Choice
731	731	114	3	Multiple Choice
732	732	115	3	Multiple Choice
733	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	6	1	Constructed Response
763	763	11	1	Constructed Response
764	764	12	1	Constructed Response
765	765	18	1	Constructed Response
766	766	23	1	Constructed Response
767	770	n/a	1	Constructed Response
771	771	28	2	Constructed Response
772	772	32	2	Constructed Response
773	773	46	2	Constructed Response
774	774	47	2	Constructed Response
775	780	n/a	2	Constructed Response
781	781	99	3	Constructed Response
782	782	103	3	Constructed Response
783	783	106	3	Constructed Response
784	784	107	3	Constructed Response
785	790	n/a	3	Constructed Response

Reading Grade 7, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	4	1	Multiple Choice
627	627	5	1	Multiple Choice
628	628	6	1	Multiple Choice
629	629	7	1	Multiple Choice
630	630	9	1	Multiple Choice
631	631	10	1	Multiple Choice
632	632	11	1	Multiple Choice
633	633	12	1	Multiple Choice
634	634	15	1	Multiple Choice
635	635	16	1	Multiple Choice
636	636	17	1	Multiple Choice
637	637	18	1	Multiple Choice
638	638	21	1	Multiple Choice
639	639	22	1	Multiple Choice
640	640	23	1	Multiple Choice
641	641	24	1	Multiple Choice
642	642	26	1	Multiple Choice
643	643	27	1	Multiple Choice
644	644	28	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	29	2	Multiple Choice
672	672	30	2	Multiple Choice
673	673	31	2	Multiple Choice
674	674	33	2	Multiple Choice
675	675	34	2	Multiple Choice
676	676	35	2	Multiple Choice
677	677	36	2	Multiple Choice
678	678	37	2	Multiple Choice
679	679	38	2	Multiple Choice
680	680	39	2	Multiple Choice
681	681	40	2	Multiple Choice
682	682	41	2	Multiple Choice
683	683	43	2	Multiple Choice
684	684	45	2	Multiple Choice
685	685	46	2	Multiple Choice
686	686	48	2	Multiple Choice
687	687	49	2	Multiple Choice
688	688	50 **	2	Multiple Choice
689	689	51	2	Multiple Choice
690	715	n/a	2	Multiple Choice
716	716	94	3	Multiple Choice
717	717	95	3	Multiple Choice
718	718	96	3	Multiple Choice
719	719	98	3	Multiple Choice
720	720	99	3	Multiple Choice
721	721	100	3	Multiple Choice

Reading Grade 7, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
722	722	101	3	Multiple Choice
723	723	102	3	Multiple Choice
724	724	103	3	Multiple Choice
725	725	104	3	Multiple Choice
726	726	105	3	Multiple Choice
727	727	107	3	Multiple Choice
728	728	108	3	Multiple Choice
729	729	109	3	Multiple Choice
730	730	112	3	Multiple Choice
731	731	113	3	Multiple Choice
732	732	114	3	Multiple Choice
733	733	115	3	Multiple Choice
734	760	n/a	3	Multiple Choice
761	761	8	1	Constructed Response
762	762	13	1	Constructed Response
763	763	14	1	Constructed Response
764	764	19	1	Constructed Response
765	765	20	1	Constructed Response
766	766	25	1	Constructed Response
767	770	n/a	1	Constructed Response
771	771	32	2	Constructed Response
772	772	42	2	Constructed Response
773	773	44	2	Constructed Response
774	774	47	2	Constructed Response
775	780	n/a	2	Constructed Response
781	781	97	3	Constructed Response
782	782	106	3	Constructed Response
783	783	110	3	Constructed Response
784	784	111	3	Constructed Response
785	790	n/a	3	Constructed Response

\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes.

Reading Grade 8, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	4	1	Multiple Choice
627	627	5	1	Multiple Choice
628	628	7	1	Multiple Choice
629	629	8	1	Multiple Choice
630	630	9	1	Multiple Choice
631	631	11	1	Multiple Choice
632	632	12	1	Multiple Choice
633	633	13	1	Multiple Choice
634	634	14	1	Multiple Choice
635	635	15	1	Multiple Choice
636	636	16	1	Multiple Choice
637	637	17	1	Multiple Choice
638	638	18	1	Multiple Choice
639	639	22	1	Multiple Choice
640	640	23	1	Multiple Choice
641	641	24	1	Multiple Choice
642	642	25	1	Multiple Choice
643	643	26	1	Multiple Choice
644	644	27	1	Multiple Choice
645	645	28	1	Multiple Choice
646	646	29	1	Multiple Choice
647	647	31	1	Multiple Choice
648	648	32	1	Multiple Choice
649	649	33	1	Multiple Choice
650	650	34	1	Multiple Choice
651	670	n/a	1	Multiple Choice
671	671	35	2	Multiple Choice
672	672	36	2	Multiple Choice
673	673	37	2	Multiple Choice
674	674	39	2	Multiple Choice
675	675	40	2	Multiple Choice
676	676	41	2	Multiple Choice
677	677	42	2	Multiple Choice
678	678	43	2	Multiple Choice
679	679	45	2	Multiple Choice
680	680	47	2	Multiple Choice
681	681	49	2	Multiple Choice
682	682	50	2	Multiple Choice
683	683	51	2	Multiple Choice
684	684	52	2	Multiple Choice
685	685	53	2	Multiple Choice
686	686	55	2	Multiple Choice
687	687	56	2	Multiple Choice
688	715	n/a	2	Multiple Choice
716	716	99	3	Multiple Choice
717	717	100	3	Multiple Choice

**Reading Grade 8, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
718	718	101	3	Multiple Choice
719	719	103	3	Multiple Choice
720	720	104	3	Multiple Choice
721	721	105	3	Multiple Choice
722	722	106	3	Multiple Choice
723	723	107	3	Multiple Choice
724	724	109	3	Multiple Choice
725	725	111	3	Multiple Choice
726	726	112	3	Multiple Choice
727	727	113	3	Multiple Choice
728	728	114	3	Multiple Choice
729	729	115	3	Multiple Choice
730	760	n/a	3	Multiple Choice
761	761	6	1	Constructed Response
762	762	10	1	Constructed Response
763	763	19	1	Constructed Response
764	764	20	1	Constructed Response
765	765	21	1	Constructed Response
766	766	30	1	Constructed Response
767	770	n/a	1	Constructed Response
771	771	38	2	Constructed Response
772	772	44	2	Constructed Response
773	773	46	2	Constructed Response
774	774	48	2	Constructed Response
775	775	54	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	102	3	Constructed Response
782	782	108	3	Constructed Response
783	783	110	3	Constructed Response
784	790	n/a	3	Constructed Response



Reading Grade 9, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	5	1	Multiple Choice
627	627	6	1	Multiple Choice
628	628	8	1	Multiple Choice
629	629	9	1	Multiple Choice
630	630	10	1	Multiple Choice
631	631	11	1	Multiple Choice
632	632	12	1	Multiple Choice
633	633	14	1	Multiple Choice
634	634	15	1	Multiple Choice
635	635	16	1	Multiple Choice
636	636	17	1	Multiple Choice
637	637	18	1	Multiple Choice
638	638	20	1	Multiple Choice
639	639	21 **	1	Multiple Choice
640	640	23	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	25	2	Multiple Choice
672	672	26	2	Multiple Choice
673	673	28	2	Multiple Choice
674	674	29	2	Multiple Choice
675	675	30	2	Multiple Choice
676	676	32	2	Multiple Choice
677	677	33	2	Multiple Choice
678	678	34	2	Multiple Choice
679	679	35	2	Multiple Choice
680	680	36	2	Multiple Choice
681	681	37	2	Multiple Choice
682	682	38	2	Multiple Choice
683	683	39	2	Multiple Choice
684	684	41	2	Multiple Choice
685	685	42	2	Multiple Choice
686	686	43	2	Multiple Choice
687	687	44	2	Multiple Choice
688	688	45	2	Multiple Choice
689	689	46	2	Multiple Choice
690	690	47	2	Multiple Choice
691	691	48	2	Multiple Choice
692	692	49	2	Multiple Choice
693	693	50	2	Multiple Choice
694	694	51	2	Multiple Choice
695	695	52	2	Multiple Choice
696	715	n/a	2	Multiple Choice
716	716	95	3	Multiple Choice

Reading Grade 9, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
717	717	97	3	Multiple Choice
718	718	98	3	Multiple Choice
719	719	100	3	Multiple Choice
720	720	101	3	Multiple Choice
721	721	103	3	Multiple Choice
722	722	104	3	Multiple Choice
723	723	105 **	3	Multiple Choice
724	724	106	3	Multiple Choice
725	725	107	3	Multiple Choice
726	726	108	3	Multiple Choice
727	727	109	3	Multiple Choice
728	728	110	3	Multiple Choice
729	729	111	3	Multiple Choice
730	730	113	3	Multiple Choice
731	731	114	3	Multiple Choice
732	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	7	1	Constructed Response
763	763	13	1	Constructed Response
764	764	19	1	Constructed Response
765	765	22	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	24	2	Constructed Response
772	772	27	2	Constructed Response
773	773	31	2	Constructed Response
774	774	40	2	Constructed Response
775	780	n/a	2	Constructed Response
781	781	96	3	Constructed Response
782	782	99	3	Constructed Response
783	783	102	3	Constructed Response
784	784	112	3	Constructed Response
785	785	115	3	Constructed Response
786	790	n/a	3	Constructed Response

\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes.

Reading Grade 10, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	4	1	Multiple Choice
627	627	5	1	Multiple Choice
628	628	6	1	Multiple Choice
629	629	8	1	Multiple Choice
630	630	9 **	1	Multiple Choice
631	631	10	1	Multiple Choice
632	632	12	1	Multiple Choice
633	633	14	1	Multiple Choice
634	634	15	1	Multiple Choice
635	635	16	1	Multiple Choice
636	636	17	1	Multiple Choice
637	637	18	1	Multiple Choice
638	638	19	1	Multiple Choice
639	639	20 **	1	Multiple Choice
640	640	22	1	Multiple Choice
641	641	23	1	Multiple Choice
642	642	24	1	Multiple Choice
643	643	25	1	Multiple Choice
644	644	26	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	28	2	Multiple Choice
672	672	29	2	Multiple Choice
673	673	32	2	Multiple Choice
674	674	33	2	Multiple Choice
675	675	34	2	Multiple Choice
676	676	35	2	Multiple Choice
677	677	37	2	Multiple Choice
678	678	38	2	Multiple Choice
679	679	39	2	Multiple Choice
680	680	40	2	Multiple Choice
681	681	41	2	Multiple Choice
682	682	43	2	Multiple Choice
683	683	44	2	Multiple Choice
684	684	45	2	Multiple Choice
685	685	46	2	Multiple Choice
686	686	48	2	Multiple Choice
687	687	49	2	Multiple Choice
688	688	50	2	Multiple Choice
689	689	52	2	Multiple Choice
690	690	53	2	Multiple Choice
691	715	n/a	2	Multiple Choice
716	716	96	3	Multiple Choice
717	717	97	3	Multiple Choice
718	718	98	3	Multiple Choice
719	719	99	3	Multiple Choice
720	720	100	3	Multiple Choice

Reading Grade 10, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
721	721	102	3	Multiple Choice
722	722	103	3	Multiple Choice
723	723	105	3	Multiple Choice
724	724	106	3	Multiple Choice
725	725	107	3	Multiple Choice
726	726	108	3	Multiple Choice
727	727	110	3	Multiple Choice
728	728	111	3	Multiple Choice
729	729	112	3	Multiple Choice
730	730	113	3	Multiple Choice
731	731	114	3	Multiple Choice
732	732	115	3	Multiple Choice
733	760	n/a	3	Multiple Choice
761	761	7	1	Constructed Response
762	762	11	1	Constructed Response
763	763	13	1	Constructed Response
764	764	21	1	Constructed Response
765	765	27	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	30	2	Constructed Response
772	772	31	2	Constructed Response
773	773	36	2	Constructed Response
774	774	42	2	Constructed Response
775	775	47	2	Constructed Response
776	776	51	2	Constructed Response
777	780	n/a	2	Constructed Response
781	781	101	3	Constructed Response
782	782	104	3	Constructed Response
783	783	109	3	Constructed Response
784	790	n/a	3	Constructed Response

Reading Grade 4, Form U for 2012 (Spanish)				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	4	1	Multiple Choice
627	627	5	1	Multiple Choice
628	628	6	1	Multiple Choice
629	629	7	1	Multiple Choice
630	630	8	1	Multiple Choice
631	631	9	1	Multiple Choice
632	632	10	1	Multiple Choice
633	633	11	1	Multiple Choice
634	634	12	1	Multiple Choice
635	635	15	1	Multiple Choice
636	636	16	1	Multiple Choice
637	637	17	1	Multiple Choice
638	638	18	1	Multiple Choice
639	639	19	1	Multiple Choice
640	640	20	1	Multiple Choice
641	641	21	1	Multiple Choice
642	642	22	1	Multiple Choice
643	643	23	1	Multiple Choice
644	644	24	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	26	2	Multiple Choice
672	672	27	2	Multiple Choice
673	673	28	2	Multiple Choice
674	674	30	2	Multiple Choice
675	675	32	2	Multiple Choice
676	676	35	2	Multiple Choice
677	677	36	2	Multiple Choice
678	678	37	2	Multiple Choice
679	679	38	2	Multiple Choice
680	680	39	2	Multiple Choice
681	681	40	2	Multiple Choice
682	682	41	2	Multiple Choice
683	683	43	2	Multiple Choice
684	684	46	2	Multiple Choice
685	685	47	2	Multiple Choice
686	686	48	2	Multiple Choice
687	715	n/a	2	Multiple Choice
716	716	91	3	Multiple Choice
717	717	92	3	Multiple Choice
718	718	93	3	Multiple Choice
719	719	94	3	Multiple Choice
720	720	95	3	Multiple Choice

Reading Grade 4, Form U for 2012 (Spanish)				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
721	721	96	3	Multiple Choice
722	722	99	3	Multiple Choice
723	723	101	3	Multiple Choice
724	724	102	3	Multiple Choice
725	725	103	3	Multiple Choice
726	726	104	3	Multiple Choice
727	727	105	3	Multiple Choice
728	728	106	3	Multiple Choice
729	729	107	3	Multiple Choice
730	730	109	3	Multiple Choice
731	731	110	3	Multiple Choice
732	732	111	3	Multiple Choice
733	733	112	3	Multiple Choice
734	734	113	3	Multiple Choice
735	735	114	3	Multiple Choice
736	736	115	3	Multiple Choice
737	760	n/a	3	Multiple Choice
761	761	13	1	Constructed Response
762	762	14	1	Constructed Response
763	770	n/a	1	Constructed Response
771	771	29	2	Constructed Response
772	772	31	2	Constructed Response
773	773	33	2	Constructed Response
774	774	34	2	Constructed Response
775	775	42	2	Constructed Response
776	776	44	2	Constructed Response
777	777	45	2	Constructed Response
778	780	n/a	2	Constructed Response
781	781	97	3	Constructed Response
782	782	98	3	Constructed Response
783	783	100	3	Constructed Response
784	784	108	3	Constructed Response
785	785	116	3	Constructed Response
786	790	n/a	3	Constructed Response

ITEM MAPPING – WRITING GR. 3 TO 10

Writing Grade 3, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	2	1	Multiple Choice
627	627	3	1	Multiple Choice
628	628	4	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	9	1	Multiple Choice
634	634	11	1	Multiple Choice
635	635	12	1	Multiple Choice
636	636	13	1	Multiple Choice
637	637	14	1	Multiple Choice
638	638	15	1	Multiple Choice
639	639	16	1	Multiple Choice
640	640	17	1	Multiple Choice
641	641	18	1	Multiple Choice
642	642	19	1	Multiple Choice
643	643	20	1	Multiple Choice
644	670	n/a	1	Blank
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	23	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	25	2	Multiple Choice
676	676	26	2	Multiple Choice
677	677	27	2	Multiple Choice
678	678	29	2	Multiple Choice
679	679	30	2	Multiple Choice
680	680	31	2	Multiple Choice
681	681	32	2	Multiple Choice
682	682	33	2	Multiple Choice
683	683	34	2	Multiple Choice
684	684	35	2	Multiple Choice
685	685	36	2	Multiple Choice
686	686	37	2	Multiple Choice
687	687	38	2	Multiple Choice
688	715	n/a	2	Multiple Choice
716	760	n/a	3	Blank
761	761	1 Edit A	1	Constructed Response
762	762	1 Edit B	1	Constructed Response
763	763	1 Edit C	1	Constructed Response
764	764	1 Edit D	1	Constructed Response

Writing Grade 3, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
765	765	1 Edit E	1	Constructed Response
766	766	1 Edit F	1	Constructed Response
767	767	10 A Cont	1	Constructed Response
768	768	10 B Org	1	Constructed Response
769	769	10 C Style	1	Constructed Response
770	770	10 D Lang	1	Constructed Response
771	771	28 A Cont	2	Constructed Response
772	772	28 B Org	2	Constructed Response
773	773	28 C Style	2	Constructed Response
774	774	28 D Lang	2	Constructed Response
775	775	39 A Cont	2	Constructed Response
776	776	39 B Org	2	Constructed Response
777	777	39 C Style	2	Constructed Response
778	778	39 D Lang	2	Constructed Response
779	780	n/a	2	Blank
781	790	n/a	3	Blank



Writing Grade 4, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	51	3	Multiple Choice
717	717	52	3	Multiple Choice
718	718	53	3	Multiple Choice
719	719	54	3	Multiple Choice
720	720	55	3	Multiple Choice
721	721	56	3	Multiple Choice
722	722	57	3	Multiple Choice
723	723	58	3	Multiple Choice
724	724	59	3	Multiple Choice
725	725	60	3	Multiple Choice
726	726	61	3	Multiple Choice
727	727	62	3	Multiple Choice
728	728	63	3	Multiple Choice
729	729	64	3	Multiple Choice
730	730	65	3	Multiple Choice
731	731	66	3	Multiple Choice
732	732	67	3	Multiple Choice
733	733	68	3	Multiple Choice
734	734	70	3	Multiple Choice
735	735	71	3	Multiple Choice
736	736	72	3	Multiple Choice
737	737	73	3	Multiple Choice
738	738	74	3	Multiple Choice
739	739	75	3	Multiple Choice
740	740	76	3	Multiple Choice
741	741	77	3	Multiple Choice
742	742	78	3	Multiple Choice
743	743	79	3	Multiple Choice
744	744	80	3	Multiple Choice
745	745	81	3	Multiple Choice
746	746	82	3	Multiple Choice
747	747	83	3	Multiple Choice
748	748	84	3	Multiple Choice
749	749	85	3	Multiple Choice
750	750	86	3	Multiple Choice
751	751	87	3	Multiple Choice
752	752	88	3	Multiple Choice
753	753	89	3	Multiple Choice
754	754	90	3	Multiple Choice
755	755	91	3	Multiple Choice
756	760	n/a	3	Multiple Choice

Writing Grade 4, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	69	3	Constructed Response
782	782	92	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

**Writing Grade 5, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	52	3	Multiple Choice
717	717	53	3	Multiple Choice
718	718	54	3	Multiple Choice
719	719	55	3	Multiple Choice
720	720	56	3	Multiple Choice
721	721	57	3	Multiple Choice
722	722	58	3	Multiple Choice
723	723	59	3	Multiple Choice
724	724	60	3	Multiple Choice
725	725	61	3	Multiple Choice
726	726	62	3	Multiple Choice
727	727	63	3	Multiple Choice
728	728	64	3	Multiple Choice
729	729	65	3	Multiple Choice
730	730	66	3	Multiple Choice
731	731	67	3	Multiple Choice
732	732	68	3	Multiple Choice
733	733	70	3	Multiple Choice
734	734	71	3	Multiple Choice
735	735	72	3	Multiple Choice
736	736	73	3	Multiple Choice
737	737	74	3	Multiple Choice
738	738	75	3	Multiple Choice
739	739	76	3	Multiple Choice
740	740	77	3	Multiple Choice
741	741	78	3	Multiple Choice
742	742	79	3	Multiple Choice
743	743	80	3	Multiple Choice
744	744	81	3	Multiple Choice
745	745	82	3	Multiple Choice
746	746	83	3	Multiple Choice
747	747	84	3	Multiple Choice
748	748	85	3	Multiple Choice
749	749	86	3	Multiple Choice
750	750	87	3	Multiple Choice
751	751	88	3	Multiple Choice
752	752	89	3	Multiple Choice
753	753	90	3	Multiple Choice
754	754	91	3	Multiple Choice
755	755	92	3	Multiple Choice
756	760	n/a	3	Multiple Choice

<b>Writing Grade 5, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	69	3	Constructed Response
782	782	93	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

Writing Grade 6, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	53	3	Multiple Choice
717	717	54	3	Multiple Choice
718	718	55	3	Multiple Choice
719	719	56	3	Multiple Choice
720	720	57	3	Multiple Choice
721	721	58	3	Multiple Choice
722	722	59	3	Multiple Choice
723	723	60	3	Multiple Choice
724	724	61	3	Multiple Choice
725	725	62	3	Multiple Choice
726	726	63	3	Multiple Choice
727	727	64	3	Multiple Choice
728	728	65	3	Multiple Choice
729	729	66	3	Multiple Choice
730	730	67	3	Multiple Choice
731	731	68	3	Multiple Choice
732	732	69	3	Multiple Choice
733	733	70	3	Multiple Choice
734	734	71	3	Multiple Choice
735	735	72	3	Multiple Choice
736	736	74	3	Multiple Choice
737	737	75	3	Multiple Choice
738	738	76	3	Multiple Choice
739	739	77	3	Multiple Choice
740	740	78	3	Multiple Choice
741	741	79	3	Multiple Choice
742	742	80	3	Multiple Choice
743	743	81	3	Multiple Choice
744	744	82	3	Multiple Choice
745	745	83	3	Multiple Choice
746	746	84	3	Multiple Choice
747	747	85	3	Multiple Choice
748	748	86	3	Multiple Choice
749	749	87	3	Multiple Choice
750	750	88	3	Multiple Choice
751	751	89	3	Multiple Choice
752	752	90	3	Multiple Choice
753	753	91	3	Multiple Choice
754	754	92	3	Multiple Choice
755	755	93	3	Multiple Choice
756	760	n/a	3	Multiple Choice

<b>Writing Grade 6, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	73	3	Constructed Response
782	782	94	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

**Writing Grade 7, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	52	3	Multiple Choice
717	717	53	3	Multiple Choice
718	718	54	3	Multiple Choice
719	719	55	3	Multiple Choice
720	720	56	3	Multiple Choice
721	721	57	3	Multiple Choice
722	722	58	3	Multiple Choice
723	723	59	3	Multiple Choice
724	724	60	3	Multiple Choice
725	725	61	3	Multiple Choice
726	726	62	3	Multiple Choice
727	727	63	3	Multiple Choice
728	728	64	3	Multiple Choice
729	729	65	3	Multiple Choice
730	730	66	3	Multiple Choice
731	731	67	3	Multiple Choice
732	732	68	3	Multiple Choice
733	733	69	3	Multiple Choice
734	734	71	3	Multiple Choice
735	735	72	3	Multiple Choice
736	736	73	3	Multiple Choice
737	737	74	3	Multiple Choice
738	738	75	3	Multiple Choice
739	739	76	3	Multiple Choice
740	740	77	3	Multiple Choice
741	741	78	3	Multiple Choice
742	742	79	3	Multiple Choice
743	743	80	3	Multiple Choice
744	744	81	3	Multiple Choice
745	745	82	3	Multiple Choice
746	746	83	3	Multiple Choice
747	747	84	3	Multiple Choice
748	748	85	3	Multiple Choice
749	749	86	3	Multiple Choice
750	750	87	3	Multiple Choice
751	751	88	3	Multiple Choice
752	752	89	3	Multiple Choice
753	753	90	3	Multiple Choice
754	754	91	3	Multiple Choice
755	755	92	3	Multiple Choice
756	760	n/a	3	Multiple Choice

<b>Writing Grade 7, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	70	3	Constructed Response
782	782	93	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.



**Writing Grade 8, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	1	Multiple Choice
716	716	57	3	Multiple Choice
717	717	58	3	Multiple Choice
718	718	59	3	Multiple Choice
719	719	60	3	Multiple Choice
720	720	61	3	Multiple Choice
721	721	62	3	Multiple Choice
722	722	63	3	Multiple Choice
723	723	64	3	Multiple Choice
724	724	65	3	Multiple Choice
725	725	66	3	Multiple Choice
726	726	67	3	Multiple Choice
727	727	68	3	Multiple Choice
728	728	69	3	Multiple Choice
729	729	70	3	Multiple Choice
730	730	71	3	Multiple Choice
731	731	72	3	Multiple Choice
732	732	73	3	Multiple Choice
733	733	74	3	Multiple Choice
734	734	76	3	Multiple Choice
735	735	77	3	Multiple Choice
736	736	78	3	Multiple Choice
737	737	79	3	Multiple Choice
738	738	80	3	Multiple Choice
739	739	81	3	Multiple Choice
740	740	82	3	Multiple Choice
741	741	83	3	Multiple Choice
742	742	84	3	Multiple Choice
743	743	85	3	Multiple Choice
744	744	86	3	Multiple Choice
745	745	87	3	Multiple Choice
746	746	88	3	Multiple Choice
747	747	89	3	Multiple Choice
748	748	90	3	Multiple Choice
749	749	91	3	Multiple Choice
750	750	92	3	Multiple Choice
751	751	93	3	Multiple Choice
752	752	94	3	Multiple Choice
753	753	95	3	Multiple Choice
754	754	96	3	Multiple Choice
755	755	97	3	Multiple Choice
756	760	n/a	3	Multiple Choice

Writing Grade 8, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	75	3	Constructed Response
782	782	98	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

**Writing Grade 9, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	53	3	Multiple Choice
717	717	54	3	Multiple Choice
718	718	55	3	Multiple Choice
719	719	56	3	Multiple Choice
720	720	57	3	Multiple Choice
721	721	58	3	Multiple Choice
722	722	59	3	Multiple Choice
723	723	60	3	Multiple Choice
724	724	61	3	Multiple Choice
725	725	62	3	Multiple Choice
726	726	63	3	Multiple Choice
727	727	64	3	Multiple Choice
728	728	65	3	Multiple Choice
729	729	66	3	Multiple Choice
730	730	67	3	Multiple Choice
731	731	68	3	Multiple Choice
732	732	69	3	Multiple Choice
733	733	70	3	Multiple Choice
734	734	71	3	Multiple Choice
735	735	73	3	Multiple Choice
736	736	74	3	Multiple Choice
737	737	75	3	Multiple Choice
738	738	76	3	Multiple Choice
739	739	77	3	Multiple Choice
740	740	78	3	Multiple Choice
741	741	79	3	Multiple Choice
742	742	80	3	Multiple Choice
743	743	81	3	Multiple Choice
744	744	82	3	Multiple Choice
745	745	83	3	Multiple Choice
746	746	84	3	Multiple Choice
747	747	85	3	Multiple Choice
748	748	86	3	Multiple Choice
749	749	87	3	Multiple Choice
750	750	88	3	Multiple Choice
751	751	89	3	Multiple Choice
752	752	90	3	Multiple Choice
753	753	91	3	Multiple Choice
754	754	92	3	Multiple Choice
755	755	93	3	Multiple Choice
756	760	n/a	3	Multiple Choice

Writing Grade 9, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	72	3	Constructed Response
782	782	94	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

**Writing Grade 10, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	54	3	Multiple Choice
717	717	55	3	Multiple Choice
718	718	56	3	Multiple Choice
719	719	57	3	Multiple Choice
720	720	58	3	Multiple Choice
721	721	59	3	Multiple Choice
722	722	60	3	Multiple Choice
723	723	61	3	Multiple Choice
724	724	62	3	Multiple Choice
725	725	63	3	Multiple Choice
726	726	64	3	Multiple Choice
727	727	65	3	Multiple Choice
728	728	66	3	Multiple Choice
729	729	67	3	Multiple Choice
730	730	68	3	Multiple Choice
731	731	69	3	Multiple Choice
732	732	70	3	Multiple Choice
733	733	72	3	Multiple Choice
734	734	73	3	Multiple Choice
735	735	74	3	Multiple Choice
736	736	75	3	Multiple Choice
737	737	76	3	Multiple Choice
738	738	77	3	Multiple Choice
739	739	78	3	Multiple Choice
740	740	79	3	Multiple Choice
741	741	80	3	Multiple Choice
742	742	81	3	Multiple Choice
743	743	82	3	Multiple Choice
744	744	83	3	Multiple Choice
745	745	84	3	Multiple Choice
746	746	85	3	Multiple Choice
747	747	86	3	Multiple Choice
748	748	87	3	Multiple Choice
749	749	88	3	Multiple Choice
750	750	89	3	Multiple Choice
751	751	90	3	Multiple Choice
752	752	91	3	Multiple Choice
753	753	92	3	Multiple Choice
754	754	93	3	Multiple Choice
755	755	94	3	Multiple Choice
756	760	n/a	3	Multiple Choice

<b>Writing Grade 10, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	71	3	Constructed Response
782	782	95	3	Constructed Response
783	783	116*	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

<b>Writing Grade 3, Form U for 2012 (Spanish)</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	9	1	Multiple Choice
634	634	10	1	Multiple Choice
635	635	11	1	Multiple Choice
636	636	12	1	Multiple Choice
637	637	13	1	Multiple Choice
638	638	14	1	Multiple Choice
639	639	15	1	Multiple Choice
640	640	17	1	Multiple Choice
641	641	18	1	Multiple Choice
642	642	19	1	Multiple Choice
643	670	n/a	1	Multiple Choice
671	671	20	2	Multiple Choice
672	672	21	2	Multiple Choice
673	673	22	2	Multiple Choice
674	674	23	2	Multiple Choice
675	675	24	2	Multiple Choice
676	676	25	2	Multiple Choice
677	677	26	2	Multiple Choice
678	678	28	2	Multiple Choice
679	679	29	2	Multiple Choice
680	680	30	2	Multiple Choice
681	681	31	2	Multiple Choice
682	682	32	2	Multiple Choice
683	683	33	2	Multiple Choice
684	684	34	2	Multiple Choice
685	685	35	2	Multiple Choice
686	686	36	2	Multiple Choice
687	687	37	2	Multiple Choice
688	688	38	2	Multiple Choice
689	715	n/a	2	Multiple Choice
716	760	n/a	3	Multiple Choice
761	761	4 Edit A	1	Constructed Response
762	762	4 Edit B	1	Constructed Response
763	763	4 Edit C	1	Constructed Response
764	764	4 Edit D	1	Constructed Response
765	765	4 Edit E	1	Constructed Response
766	766	4 Edit F	1	Constructed Response
767	767	16 A Cont	1	Constructed Response
768	768	16 B Org	1	Constructed Response

<b>Writing Grade 3, Form U for 2012 (Spanish)</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
769	769	16 C Style	1	Constructed Response
770	770	16 D Lang	1	Constructed Response
771	771	27 A Cont	2	Constructed Response
772	772	27 B Org	2	Constructed Response
773	773	27 C Style	2	Constructed Response
774	774	27 D Lang	2	Constructed Response
775	775	39 A Cont	2	Constructed Response
776	776	39 B Org	2	Constructed Response
777	777	39 C Style	2	Constructed Response
778	778	39 D Lang	2	Constructed Response
779	780	n/a	2	Constructed Response
781	790	n/a	3	Constructed Response



<b>Writing Grade 4, Form U for 2012 (Spanish)</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	670	n/a	1	Multiple Choice
671	715	n/a	2	Multiple Choice
716	716	49	3	Multiple Choice
717	717	50	3	Multiple Choice
718	718	51	3	Multiple Choice
719	719	52	3	Multiple Choice
720	720	53	3	Multiple Choice
721	721	54	3	Multiple Choice
722	722	55	3	Multiple Choice
723	723	56	3	Multiple Choice
724	724	57	3	Multiple Choice
725	725	58	3	Multiple Choice
726	726	59	3	Multiple Choice
727	727	60	3	Multiple Choice
728	728	61	3	Multiple Choice
729	729	62	3	Multiple Choice
730	730	64	3	Multiple Choice
731	731	65	3	Multiple Choice
732	732	66	3	Multiple Choice
733	733	67	3	Multiple Choice
734	734	68	3	Multiple Choice
735	735	69	3	Multiple Choice
736	736	70	3	Multiple Choice
737	737	71	3	Multiple Choice
738	738	72	3	Multiple Choice
739	739	73	3	Multiple Choice
740	740	74	3	Multiple Choice
741	741	75	3	Multiple Choice
742	742	76	3	Multiple Choice
743	743	77	3	Multiple Choice
744	744	78	3	Multiple Choice
745	745	79	3	Multiple Choice
746	746	80	3	Multiple Choice
747	747	81	3	Multiple Choice
748	748	82	3	Multiple Choice
749	749	83	3	Multiple Choice
750	750	84	3	Multiple Choice
751	751	85	3	Multiple Choice
752	752	86	3	Multiple Choice
753	753	87	3	Multiple Choice
754	754	88	3	Multiple Choice
755	755	89	3	Multiple Choice
756	760	n/a	3	Multiple Choice

<b>Writing Grade 4, Form U for 2012 (Spanish)</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
761	761	1 Plan	1	Constructed Response
762	770	n/a	1	Constructed Response
771	771	2 Edit A	2	Constructed Response
772	772	2 Edit B	2	Constructed Response
773	773	2 Edit C	2	Constructed Response
774	774	2 Edit D	2	Constructed Response
775	775	2 Edit E	2	Constructed Response
776	776	2 Edit F	2	Constructed Response
777	777	3 A Cont	2	Constructed Response
778	778	3 B Style	2	Constructed Response
779	779	3 C Lang	2	Constructed Response
780	780	n/a	2	Constructed Response
781	781	25*	3	Constructed Response
782	782	63	3	Constructed Response
783	783	90	3	Constructed Response
784	790	n/a	3	Constructed Response

\*Writing item from Reading session.

ITEM MAPPING – MATHEMATICS GR. 3 TO 10

<b>Mathematics Grade 3, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	4	1	Multiple Choice
630	630	5	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	11	1	Multiple Choice
635	635	12	1	Multiple Choice
636	636	13	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	17	1	Multiple Choice
640	640	18	1	Multiple Choice
641	641	19	1	Multiple Choice
642	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	23	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	26	2	Multiple Choice
676	676	27	2	Multiple Choice
677	677	28	2	Multiple Choice
678	678	29	2	Multiple Choice
679	679	31	2	Multiple Choice
680	680	32	2	Multiple Choice
681	681	33	2	Multiple Choice
682	682	34	2	Multiple Choice
683	683	35	2	Multiple Choice
684	684	36	2	Multiple Choice
685	685	38	2	Multiple Choice
686	686	39	2	Multiple Choice
687	715	n/a	2	Multiple Choice
716	760	n/a	3	Multiple Choice
761	761	6	1	Constructed Response
762	762	9	1	Constructed Response
763	763	14	1	Constructed Response
764	764	20	1	Constructed Response
765	770	n/a	1	Constructed Response
771	771	25	2	Constructed Response
772	772	30	2	Constructed Response

<b>Mathematics Grade 3, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
773	773	37	2	Constructed Response
774	774	40	2	Constructed Response
775	780	n/a	2	Constructed Response
781	790	n/a	3	Constructed Response

<b>Mathematics Grade 4, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	4	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	8	1	Multiple Choice
632	632	9	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	11	1	Multiple Choice
635	635	12	1	Multiple Choice
636	636	13	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	17	1	Multiple Choice
640	640	19	1	Multiple Choice
641	641	20	1	Multiple Choice
642	642	21	1	Multiple Choice
643	643	22	1	Multiple Choice
644	670	n/a	1	Multiple Choice
671	671	24	2	Multiple Choice
672	672	25	2	Multiple Choice
673	673	26	2	Multiple Choice
674	674	28	2	Multiple Choice
675	675	29	2	Multiple Choice
676	676	31	2	Multiple Choice
677	677	32	2	Multiple Choice
678	678	33	2	Multiple Choice
679	679	34	2	Multiple Choice
680	680	36	2	Multiple Choice
681	681	37	2	Multiple Choice
682	682	38	2	Multiple Choice
683	683	39	2	Multiple Choice
684	684	40	2	Multiple Choice
685	685	42	2	Multiple Choice
686	686	43	2	Multiple Choice
687	687	44	2	Multiple Choice
688	688	45	2	Multiple Choice
689	715	n/a	2	Multiple Choice
716	716	47	3	Multiple Choice
717	717	48	3	Multiple Choice
718	718	49	3	Multiple Choice
719	719	50	3	Multiple Choice

**Mathematics Grade 4, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
720	720	51	3	Multiple Choice
721	721	52	3	Multiple Choice
722	722	54	3	Multiple Choice
723	723	55	3	Multiple Choice
724	724	56	3	Multiple Choice
725	725	57	3	Multiple Choice
726	726	59	3	Multiple Choice
727	727	60	3	Multiple Choice
728	728	62	3	Multiple Choice
729	729	63	3	Multiple Choice
730	730	64	3	Multiple Choice
731	731	65	3	Multiple Choice
732	732	66	3	Multiple Choice
733	733	68	3	Multiple Choice
734	760	n/a	3	Multiple Choice
761	761	3	1	Constructed Response
762	762	7	1	Constructed Response
763	763	14	1	Constructed Response
764	764	18	1	Constructed Response
765	765	23	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	27	2	Constructed Response
772	772	30	2	Constructed Response
773	773	35	2	Constructed Response
774	774	41	2	Constructed Response
775	775	46	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	53	3	Constructed Response
782	782	58	3	Constructed Response
783	783	61	3	Constructed Response
784	784	67	3	Constructed Response
785	785	69	3	Constructed Response
786	790	n/a	3	Constructed Response

**Mathematics Grade 5, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	4	1	Multiple Choice
630	630	5	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	9	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	12	1	Multiple Choice
635	635	13	1	Multiple Choice
636	636	15	1	Multiple Choice
637	637	16	1	Multiple Choice
638	638	17	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	641	20	1	Multiple Choice
642	642	21	1	Multiple Choice
643	643	22	1	Multiple Choice
644	670	n/a	1	Multiple Choice
671	671	24	2	Multiple Choice
672	672	25	2	Multiple Choice
673	673	27	2	Multiple Choice
674	674	28	2	Multiple Choice
675	675	29	2	Multiple Choice
676	676	30	2	Multiple Choice
677	677	32	2	Multiple Choice
678	678	33	2	Multiple Choice
679	679	34	2	Multiple Choice
680	680	35	2	Multiple Choice
681	681	37	2	Multiple Choice
682	682	38	2	Multiple Choice
683	683	39	2	Multiple Choice
684	684	40	2	Multiple Choice
685	685	41	2	Multiple Choice
686	686	42	2	Multiple Choice
687	687	44	2	Multiple Choice
688	688	45	2	Multiple Choice
689	715	n/a	2	Multiple Choice
716	716	47	3	Multiple Choice
717	717	48	3	Multiple Choice
718	718	50	3	Multiple Choice
719	719	51	3	Multiple Choice

**Mathematics Grade 5, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
720	720	52	3	Multiple Choice
721	721	53	3	Multiple Choice
722	722	55	3	Multiple Choice
723	723	56	3	Multiple Choice
724	724	57	3	Multiple Choice
725	725	58	3	Multiple Choice
726	726	60	3	Multiple Choice
727	727	61	3	Multiple Choice
728	728	62	3	Multiple Choice
729	729	64	3	Multiple Choice
730	730	65	3	Multiple Choice
731	731	66	3	Multiple Choice
732	732	67	3	Multiple Choice
733	733	68	3	Multiple Choice
734	760	n/a	3	Multiple Choice
761	761	6	1	Constructed Response
762	762	8	1	Constructed Response
763	763	11	1	Constructed Response
764	764	14	1	Constructed Response
765	765	23	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	26	2	Constructed Response
772	772	31	2	Constructed Response
773	773	36	2	Constructed Response
774	774	43	2	Constructed Response
775	775	46	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	49	3	Constructed Response
782	782	54	3	Constructed Response
783	783	59	3	Constructed Response
784	784	63	3	Constructed Response
785	785	69	3	Constructed Response
786	790	n/a	3	Constructed Response



**Mathematics Grade 6, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	9	1	Multiple Choice
634	634	10	1	Multiple Choice
635	635	12	1	Multiple Choice
636	636	14	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	24	2	Multiple Choice
674	674	25	2	Multiple Choice
675	675	26	2	Multiple Choice
676	676	28	2	Multiple Choice
677	677	29	2	Multiple Choice
678	678	30	2	Multiple Choice
679	679	31	2	Multiple Choice
680	680	32	2	Multiple Choice
681	681	34	2	Multiple Choice
682	682	35	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	715	n/a	2	Multiple Choice
716	716	41	3	Multiple Choice
717	717	42	3	Multiple Choice
718	718	43	3	Multiple Choice
719	719	44	3	Multiple Choice
720	720	45	3	Multiple Choice
721	721	47	3	Multiple Choice
722	722	48 #	3	Multiple Choice
723	723	49	3	Multiple Choice
724	724	50	3	Multiple Choice
725	725	52	3	Multiple Choice

<b>Mathematics Grade 6, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
726	726	54	3	Multiple Choice
727	727	55	3	Multiple Choice
728	728	56	3	Multiple Choice
729	729	58	3	Multiple Choice
730	730	59	3	Multiple Choice
731	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	11	1	Constructed Response
763	763	13	1	Constructed Response
764	764	17	1	Constructed Response
765	765	20	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	23	2	Constructed Response
772	772	27	2	Constructed Response
773	773	33	2	Constructed Response
774	774	36	2	Constructed Response
775	775	40	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	46	3	Constructed Response
782	782	51	3	Constructed Response
783	783	53	3	Constructed Response
784	784	57	3	Constructed Response
785	785	60	3	Constructed Response
786	790	n/a	3	Constructed Response

# Please note that this item will appear in the GRT (as marked) but full credit will be provided.

<b>Mathematics Grade 7, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	4	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	7	1	Multiple Choice
631	631	8	1	Multiple Choice
632	632	9	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	12	1	Multiple Choice
635	635	13	1	Multiple Choice
636	636	14	1	Multiple Choice
637	637	16	1	Multiple Choice
638	638	17	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	24	2	Multiple Choice
674	674	25	2	Multiple Choice
675	675	27	2	Multiple Choice
676	676	28	2	Multiple Choice
677	677	29	2	Multiple Choice
678	678	31	2	Multiple Choice
679	679	32	2	Multiple Choice
680	680	33	2	Multiple Choice
681	681	35	2	Multiple Choice
682	682	36	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	715	n/a	2	Multiple Choice
716	716	41	3	Multiple Choice
717	717	42	3	Multiple Choice
718	718	44	3	Multiple Choice
719	719	45	3	Multiple Choice
720	720	46	3	Multiple Choice
721	721	47	3	Multiple Choice
722	722	49	3	Multiple Choice
723	723	50	3	Multiple Choice
724	724	52	3	Multiple Choice
725	725	53	3	Multiple Choice

**Mathematics Grade 7, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
726	726	54	3	Multiple Choice
727	727	55	3	Multiple Choice
728	728	57	3	Multiple Choice
729	729	58	3	Multiple Choice
730	730	59	3	Multiple Choice
731	760	n/a	3	Multiple Choice
761	761	3	1	Constructed Response
762	762	6	1	Constructed Response
763	763	11	1	Constructed Response
764	764	15	1	Constructed Response
765	765	20	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	23	2	Constructed Response
772	772	26	2	Constructed Response
773	773	30	2	Constructed Response
774	774	34	2	Constructed Response
775	775	40	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	43	3	Constructed Response
782	782	48	3	Constructed Response
783	783	51	3	Constructed Response
784	784	56	3	Constructed Response
785	785	60	3	Constructed Response
786	790	n/a	3	Constructed Response

Mathematics Grade 8, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	11	1	Multiple Choice
635	635	12	1	Multiple Choice
636	636	13	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	17	1	Multiple Choice
640	640	19	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	23	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	26	2	Multiple Choice
676	676	28	2	Multiple Choice
677	677	29	2	Multiple Choice
678	678	31	2	Multiple Choice
679	679	32	2	Multiple Choice
680	680	33	2	Multiple Choice
681	681	34	2	Multiple Choice
682	682	36	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	715	n/a	2	Multiple Choice
716	716	41	3	Multiple Choice
717	717	42	3	Multiple Choice
718	718	43	3	Multiple Choice
719	719	45	3	Multiple Choice
720	720	46	3	Multiple Choice
721	721	48	3	Multiple Choice
722	722	49	3	Multiple Choice
723	723	51	3	Multiple Choice
724	724	52	3	Multiple Choice
725	725	54	3	Multiple Choice
726	726	55	3	Multiple Choice

Mathematics Grade 8, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
727	727	56	3	Multiple Choice
728	728	57 **	3	Multiple Choice
729	729	58	3	Multiple Choice
730	730	59	3	Multiple Choice
731	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	9	1	Constructed Response
763	763	14	1	Constructed Response
764	764	18	1	Constructed Response
765	765	20	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	25	2	Constructed Response
772	772	27	2	Constructed Response
773	773	30	2	Constructed Response
774	774	35	2	Constructed Response
775	775	40	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	44	3	Constructed Response
782	782	47	3	Constructed Response
783	783	50	3	Constructed Response
784	784	53	3	Constructed Response
785	785	60	3	Constructed Response
786	790	n/a	3	Constructed Response

\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes.

**Mathematics Grade 9, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	3	1	Multiple Choice
628	628	4	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	8	1	Multiple Choice
632	632	9	1	Multiple Choice
633	633	11	1	Multiple Choice
634	634	12	1	Multiple Choice
635	635	13	1	Multiple Choice
636	636	15	1	Multiple Choice
637	637	16	1	Multiple Choice
638	638	17	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	24	2	Multiple Choice
674	674	25	2	Multiple Choice
675	675	26	2	Multiple Choice
676	676	27	2	Multiple Choice
677	677	29	2	Multiple Choice
678	678	30	2	Multiple Choice
679	679	31	2	Multiple Choice
680	680	33	2	Multiple Choice
681	681	35	2	Multiple Choice
682	682	36	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	715	n/a	2	Multiple Choice
716	716	41	3	Multiple Choice
717	717	42	3	Multiple Choice
718	718	43	3	Multiple Choice
719	719	44	3	Multiple Choice
720	720	45	3	Multiple Choice
721	721	47	3	Multiple Choice
722	722	48	3	Multiple Choice
723	723	50	3	Multiple Choice
724	724	52	3	Multiple Choice
725	725	54	3	Multiple Choice
726	726	55	3	Multiple Choice
727	727	56	3	Multiple Choice
728	728	57	3	Multiple Choice

**Mathematics Grade 9, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
729	729	58	3	Multiple Choice
730	730	59	3	Multiple Choice
731	760	n/a	3	Multiple Choice
761	761	2	1	Constructed Response
762	762	7	1	Constructed Response
763	763	10	1	Constructed Response
764	764	14	1	Constructed Response
765	765	20	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	23	2	Constructed Response
772	772	28	2	Constructed Response
773	773	32	2	Constructed Response
774	774	34	2	Constructed Response
775	775	40	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	46	3	Constructed Response
782	782	49	3	Constructed Response
783	783	51	3	Constructed Response
784	784	53	3	Constructed Response
785	785	60	3	Constructed Response
786	790	n/a	3	Constructed Response



<b>Mathematics Grade 10, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	8	1	Multiple Choice
632	632	9	1	Multiple Choice
633	633	10	1	Multiple Choice
634	634	11	1	Multiple Choice
635	635	13	1	Multiple Choice
636	636	14	1	Multiple Choice
637	637	15	1	Multiple Choice
638	638	16	1	Multiple Choice
639	639	18	1	Multiple Choice
640	640	19	1	Multiple Choice
641	670	n/a	1	Multiple Choice
671	671	21	2	Multiple Choice
672	672	22	2	Multiple Choice
673	673	23	2	Multiple Choice
674	674	24	2	Multiple Choice
675	675	26	2	Multiple Choice
676	676	27 #	2	Multiple Choice
677	677	28	2	Multiple Choice
678	678	30	2	Multiple Choice
679	679	31	2	Multiple Choice
680	680	33	2	Multiple Choice
681	681	34	2	Multiple Choice
682	682	36	2	Multiple Choice
683	683	37	2	Multiple Choice
684	684	38	2	Multiple Choice
685	685	39	2	Multiple Choice
686	715	n/a	2	Multiple Choice
716	716	41	3	Multiple Choice
717	717	42	3	Multiple Choice
718	718	43	3	Multiple Choice
719	719	45	3	Multiple Choice
720	720	46	3	Multiple Choice
721	721	47	3	Multiple Choice
722	722	49	3	Multiple Choice
723	723	50	3	Multiple Choice
724	724	51	3	Multiple Choice
725	725	53	3	Multiple Choice

<b>Mathematics Grade 10, Form U for 2012</b>				
<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
726	726	55	3	Multiple Choice
727	727	56	3	Multiple Choice
728	728	57	3	Multiple Choice
729	729	58	3	Multiple Choice
730	730	59	3	Multiple Choice
731	760	n/a	3	Multiple Choice
761	761	4	1	Constructed Response
762	762	7	1	Constructed Response
763	763	12	1	Constructed Response
764	764	17	1	Constructed Response
765	765	20	1	Constructed Response
766	770	n/a	1	Constructed Response
771	771	25	2	Constructed Response
772	772	29	2	Constructed Response
773	773	32	2	Constructed Response
774	774	35	2	Constructed Response
775	775	40	2	Constructed Response
776	780	n/a	2	Constructed Response
781	781	44	3	Constructed Response
782	782	48	3	Constructed Response
783	783	52	3	Constructed Response
784	784	54	3	Constructed Response
785	785	60	3	Constructed Response
786	790	n/a	3	Constructed Response

# Please note that this item will appear in the GRT (as marked) but full credit will be provided.

Science Grade 5, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	4	1	Multiple Choice
630	630	5 #	1	Multiple Choice
631	631	6	1	Multiple Choice
632	632	7	1	Multiple Choice
633	633	8	1	Multiple Choice
634	634	10	1	Multiple Choice
635	635	11	1	Multiple Choice
636	636	12	1	Multiple Choice
637	637	13 #	1	Multiple Choice
638	638	14	1	Multiple Choice
639	639	15	1	Multiple Choice
640	640	16	1	Multiple Choice
641	641	17	1	Multiple Choice
642	642	18	1	Multiple Choice
643	643	19	1	Multiple Choice
644	644	20	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	26	2	Multiple Choice
672	672	27	2	Multiple Choice
673	673	28	2	Multiple Choice
674	674	29	2	Multiple Choice
675	675	30	2	Multiple Choice
676	676	32	2	Multiple Choice
677	677	33	2	Multiple Choice
678	678	34	2	Multiple Choice
679	679	36	2	Multiple Choice
680	680	37	2	Multiple Choice
681	681	39	2	Multiple Choice
682	682	40	2	Multiple Choice
683	683	41	2	Multiple Choice
684	684	43	2	Multiple Choice
685	685	44	2	Multiple Choice
686	686	46	2	Multiple Choice
687	687	48	2	Multiple Choice
688	688	49	2	Multiple Choice
689	689	50	2	Multiple Choice
690	715	n/a	2	Multiple Choice
716	716	51	3	Multiple Choice

Science Grade 5, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
717	717	52	3	Multiple Choice
718	718	53	3	Multiple Choice
719	719	55	3	Multiple Choice
720	720	56	3	Multiple Choice
721	721	57	3	Multiple Choice
722	722	58	3	Multiple Choice
723	723	60	3	Multiple Choice
724	724	61	3	Multiple Choice
725	725	63	3	Multiple Choice
726	726	64	3	Multiple Choice
727	727	66	3	Multiple Choice
728	728	67	3	Multiple Choice
729	729	68	3	Multiple Choice
730	730	69	3	Multiple Choice
731	731	71	3	Multiple Choice
732	732	72	3	Multiple Choice
733	733	73	3	Multiple Choice
734	734	74	3	Multiple Choice
735	760	n/a	3	Multiple Choice
761	761	9	1	Constructed Response
762	762	21	1	Constructed Response
763	763	22	1	Constructed Response
764	764	23	1	Constructed Response
765	765	24	1	Constructed Response
766	766	25	1	Constructed Response
767	770	n/a	1	Constructed Response
771	771	31	2	Constructed Response
772	772	35	2	Constructed Response
773	773	38	2	Constructed Response
774	774	42	2	Constructed Response
775	775	45	2	Constructed Response
776	776	47	2	Constructed Response
777	780	n/a	2	Constructed Response
781	781	54	3	Constructed Response
782	782	59	3	Constructed Response
783	783	62	3	Constructed Response
784	784	65	3	Constructed Response
785	785	70	3	Constructed Response
786	786	75	3	Constructed Response
787	790	n/a	3	Constructed Response

# Please note that this item will appear in the GRT (as marked) but full credit will be provided.

**Science Grade 8, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	4	1	Multiple Choice
629	629	5	1	Multiple Choice
630	630	6	1	Multiple Choice
631	631	7	1	Multiple Choice
632	632	8	1	Multiple Choice
633	633	9	1	Multiple Choice
634	634	10	1	Multiple Choice
635	635	11	1	Multiple Choice
636	636	12	1	Multiple Choice
637	637	13	1	Multiple Choice
638	638	15	1	Multiple Choice
639	639	16	1	Multiple Choice
640	640	17	1	Multiple Choice
641	641	18	1	Multiple Choice
642	642	19	1	Multiple Choice
643	670	n/a	1	Multiple Choice
671	671	26	2	Multiple Choice
672	672	27	2	Multiple Choice
673	673	28	2	Multiple Choice
674	674	30	2	Multiple Choice
675	675	31	2	Multiple Choice
676	676	32 #	2	Multiple Choice
677	677	33	2	Multiple Choice
678	678	34	2	Multiple Choice
679	679	36	2	Multiple Choice
680	680	37	2	Multiple Choice
681	681	39	2	Multiple Choice
682	682	40	2	Multiple Choice
683	683	41	2	Multiple Choice
684	684	42	2	Multiple Choice
685	685	44	2	Multiple Choice
686	686	46	2	Multiple Choice
687	687	47	2	Multiple Choice
688	688	48	2	Multiple Choice
689	689	50	2	Multiple Choice
690	690	51	2	Multiple Choice
691	691	52	2	Multiple Choice
692	692	53	2	Multiple Choice
693	693	54	2	Multiple Choice
694	715	n/a	2	Multiple Choice
716	716	56	3	Multiple Choice
717	717	57	3	Multiple Choice

**Science Grade 8, Form U for 2012**

<b>GRT Position Start</b>	<b>GRT Position End</b>	<b>Book Item No</b>	<b>Item Response Session</b>	<b>Item Type</b>
718	718	60	3	Multiple Choice
719	719	61	3	Multiple Choice
720	720	62	3	Multiple Choice
721	721	63	3	Multiple Choice
722	722	65	3	Multiple Choice
723	723	66	3	Multiple Choice
724	724	68	3	Multiple Choice
725	725	69	3	Multiple Choice
726	726	70	3	Multiple Choice
727	727	71	3	Multiple Choice
728	728	73	3	Multiple Choice
729	729	74	3	Multiple Choice
730	730	76	3	Multiple Choice
731	731	77	3	Multiple Choice
732	732	78	3	Multiple Choice
733	733	79	3	Multiple Choice
734	734	80	3	Multiple Choice
735	735	82	3	Multiple Choice
736	760	n/a	3	Multiple Choice
761	761	3	1	Constructed Response
762	762	14	1	Constructed Response
763	763	20	1	Constructed Response
764	764	21	1	Constructed Response
765	765	22	1	Constructed Response
766	766	23	1	Constructed Response
767	767	24	1	Constructed Response
768	768	25	1	Constructed Response
769	770	n/a	1	Constructed Response
771	771	29	2	Constructed Response
772	772	35	2	Constructed Response
773	773	38	2	Constructed Response
774	774	43	2	Constructed Response
775	775	45	2	Constructed Response
776	776	49	2	Constructed Response
777	777	55	2	Constructed Response
778	780	n/a	2	Constructed Response
781	781	58	3	Constructed Response
782	782	59	3	Constructed Response
783	783	64	3	Constructed Response
784	784	67	3	Constructed Response
785	785	72	3	Constructed Response
786	786	75	3	Constructed Response
787	787	81	3	Constructed Response
788	788	83	3	Constructed Response
789	790	n/a	3	Constructed Response

# Please note that this item will appear in the GRT (as marked) but full credit will be provided.

Science Grade 10, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
626	626	1	1	Multiple Choice
627	627	2	1	Multiple Choice
628	628	3	1	Multiple Choice
629	629	4	1	Multiple Choice
630	630	5	1	Multiple Choice
631	631	6	1	Multiple Choice
632	632	7	1	Multiple Choice
633	633	8	1	Multiple Choice
634	634	9	1	Multiple Choice
635	635	11	1	Multiple Choice
636	636	12	1	Multiple Choice
637	637	13	1	Multiple Choice
638	638	14	1	Multiple Choice
639	639	15	1	Multiple Choice
640	640	16	1	Multiple Choice
641	641	17	1	Multiple Choice
642	642	18	1	Multiple Choice
643	643	19	1	Multiple Choice
644	644	20	1	Multiple Choice
645	670	n/a	1	Multiple Choice
671	671	28	2	Multiple Choice
672	672	29	2	Multiple Choice
673	673	30	2	Multiple Choice
674	674	31	2	Multiple Choice
675	675	33	2	Multiple Choice
676	676	35	2	Multiple Choice
677	677	36	2	Multiple Choice
678	678	37	2	Multiple Choice
679	679	38	2	Multiple Choice
680	680	42	2	Multiple Choice
681	681	43	2	Multiple Choice
682	682	44	2	Multiple Choice
683	683	46	2	Multiple Choice
684	684	47	2	Multiple Choice
685	685	49	2	Multiple Choice
686	686	50	2	Multiple Choice
687	687	52	2	Multiple Choice
688	688	53	2	Multiple Choice
689	689	54	2	Multiple Choice
690	715	n/a	2	Multiple Choice
716	716	55	3	Multiple Choice
717	717	56	3	Multiple Choice
718	718	57	3	Multiple Choice
719	719	58	3	Multiple Choice
720	720	59	3	Multiple Choice
721	721	60 **	3	Multiple Choice

Science Grade 10, Form U for 2012				
GRT Position Start	GRT Position End	Book Item No	Item Response Session	Item Type
722	722	61	3	Multiple Choice
723	723	62	3	Multiple Choice
724	724	63	3	Multiple Choice
725	725	64	3	Multiple Choice
726	726	65	3	Multiple Choice
727	727	66	3	Multiple Choice
728	728	69	3	Multiple Choice
729	729	70	3	Multiple Choice
730	730	71	3	Multiple Choice
731	731	72	3	Multiple Choice
732	732	74	3	Multiple Choice
733	733	75	3	Multiple Choice
734	734	77	3	Multiple Choice
735	735	78	3	Multiple Choice
736	736	79	3	Multiple Choice
737	737	80	3	Multiple Choice
738	760	n/a	3	Multiple Choice
761	761	10	1	Constructed Response
762	762	21	1	Constructed Response
763	763	22	1	Constructed Response
764	764	23	1	Constructed Response
765	765	24	1	Constructed Response
766	766	25	1	Constructed Response
767	767	26	1	Constructed Response
768	768	27	1	Constructed Response
769	770	n/a	1	Constructed Response
771	771	32	2	Constructed Response
772	772	34	2	Constructed Response
773	773	39	2	Constructed Response
774	774	40	2	Constructed Response
775	775	41	2	Constructed Response
776	776	45	2	Constructed Response
777	777	48	2	Constructed Response
778	778	51	2	Constructed Response
779	780	n/a	2	Constructed Response
781	781	67	3	Constructed Response
782	782	68	3	Constructed Response
783	783	73	3	Constructed Response
784	784	76	3	Constructed Response
785	785	81	3	Constructed Response
786	786	82	3	Constructed Response
787	787	83	3	Constructed Response
788	790	n/a	3	Constructed Response

\*\*\* Please note that this item will appear in the GRT but is suppressed for scoring purposes.