

Spring 2018

## English Language Arts (ELA) and Mathematics Blueprint and Test Designs



The high-level blueprint includes the overall design of the test, the reporting categories and recommend number of points in each category, and the estimated testing time by grade level in the charts below.

### Grades 3-8 English Language Arts and Mathematics

#### Grades 3–8 ELA Blueprint

Domain	Grade						
		3	4	5	6	7	8
<b>Reading - Literary Text</b> (Key Ideas/Details: RL standards 1, 2, 3 Craft and Structure: RL standards 4, 5, 6 Integration of Knowledge/Ideas: RL standards 7 and 9)	Number of Items	6-8	6-8	6-8	6-8	6-8	6-8
	Possible Points	8-12	8-12	8-12	8-12	8-12	8-12
<b>Reading - Informational Text</b> (Key Ideas/Details: RI standards 1, 2, 3 Craft and Structure: RI standards 4, 5, 6 Integration of Knowledge/Ideas: RI standards 7, 8, 9)	Number of Items	6-8	6-8	6-8	8-10	8-10	8-10
	Possible Points	8-12	8-12	8-12	12-14	12-14	12-14
<b>Writing</b> (Text Type/Purposes: W standards 1, 2, 3 Production and Distribution: W standards 4, 5, 6 Research: W standards 7 and 8)	Number of Items	12-16	14-18	14-18	14-18	16-20	16-20
	Possible Points	18-20	18-22	18-22	20-26	20-26	20-26
<b>Language</b> (Language/Conventions: L standards 1, 2, 3 Language/Vocabulary Acquisition: L standards 4 and 5)	Number of Items	10-12	10-12	10-12	8-10	8-10	8-10
	Possible Points	12-15	12-15	12-15	10-12	10-12	10-12
<b>Text-Dependent Analysis Writing (TDA)</b> Reading and Writing: W standard 9 (Key Ideas/Details; RL standards 1, 2, 3 Craft and Structure; RL standards 4, 5, 6 (Key Ideas/Details; RI standards 1, 2, 3 Craft and Structure; RI standards 4, 5, 6 Integration of Knowledge/Ideas; RI standards 7, 8, 9)	Number of Items	0	1	1	1	1	1
	Possible Points	0	8	8	8	8	8
<b>Total ELA Items</b>		<b>44</b>	<b>45</b>	<b>46</b>	<b>45</b>	<b>45</b>	<b>41</b>
<b>Total ELA Points Possible</b>		<b>52-60</b>	<b>60-68</b>	<b>60-68</b>	<b>60-68</b>	<b>60-68</b>	<b>60-68</b>

Note: Reading Standard 10 for both literary text and informational text, and Language Standard 6 are covered globally throughout the passages and items. The ELA reporting categories will be the same across all grades 3-8.

### Grades 3–8 ELA Test Design

Grade	Writing				Reading				Text-Dependent Writing		ELA	
	No. of Operational Items			Total Writing Points	No. of Operational Items			Total Reading Points	No. of Operational Items	Total TDA Points	Total ELA Points	Total ELA Items
	MC, MS, TE 1 pt	EBSR, MS, TE 2 pt	No. of items		MC, MS, TE 1 pt	EBSR, MS, TE 2 pt	No. of Items		Text-Dependent Analysis (TDA) 4pt x 2			
					4 Passage Sets*				1 Passage Set**^			
3	10-15	5-10	24	30-35	12-15	5-8	20	20-25	0	0	52-60	45
4	10-15	5-10	24	30-35	12-15	5-8	20	20-25	1	8	60-68	45
5	10-15	5-10	24	30-35	12-16	5-8	20	22-28	1	8	60-68	46
6	10-15	5-10	24	30-35	12-16	5-8	20	22-28	1	8	60-68	45
7	10-15	5-10	24	30-35	12-16	5-8	20	22-28	1	8	60-68	45
8	10-15	5-10	24	30-35	12-16	5-8	20	22-28	1	8	60-68	45

\*Passage Set is defined as a unit, which could be one passage or multiple passages.

^ TDA passage set is included in the total number of passage sets stated for Reading.

### Grade 3 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 3
<b>Reading**</b>	<b>20-22</b>
Key Ideas and Details	10-14
Craft and Structure/Integration of Knowledge and Ideas	8-10
<b>Writing</b>	<b>20-24</b>
Text Types and Purposes	8-12
Distribution and Production/Research	8-12
<b>Language</b>	<b>12-15</b>
<b>Total ELA Points Possible</b>	<b>52-60</b>

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

Domain (Reporting Categories)	Possible Points for Grade 3
Literary Text	10-12
Informational Text	10-12

### Grade 4 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 4
<b>Reading**</b>	<b>20-22</b>
Key Ideas and Details	10-14
Craft and Structure/Integration of Knowledge and Ideas	8-10
<b>Writing</b>	<b>20-24</b>
Text Types and Purposes	8-12
Distribution and Production/Research	8-12
<b>Language</b>	<b>12-15</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>60-68</b>

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

Domain (Reporting Categories)	Possible Points for Grade 4
Literary Text	10-12
Informational Text	10-12

### Grade 5 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 5
<b>Reading**</b>	<b>20-22</b>
Key Ideas and Details	10-14
Craft and Structure/Integration of Knowledge and Ideas	8-10
<b>Writing</b>	<b>20-24</b>
Text Types and Purposes	8-12
Distribution and Production/Research	8-12
<b>Language</b>	<b>12-15</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>60-68</b>

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

Domain (Reporting Categories)	Possible Points for Grade 4
Literary Text	10-12
Informational Text	10-12

### Grade 6 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 6
<b>Reading**</b>	<b>20-24</b>
Key Ideas and Details	8-12
Craft and Structure/Integration of Knowledge and Ideas	8-12
<b>Writing</b>	<b>22-24</b>
Text Types and Purposes	8-10
Distribution and Production/Research	12-14
<b>Language</b>	<b>12-16</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>60-68</b>

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

Domain (Reporting Categories)	Possible Points for Grade 6
Literary Text	8-10
Informational Text	10-14

## Grade 7 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 7
<b>Reading**</b>	<b>20-24</b>
Key Ideas and Details	8-12
Craft and Structure/Integration of Knowledge and Ideas	8-12
<b>Writing</b>	<b>22-24</b>
Text Types and Purposes	8-10
Distribution and Production/Research	12-14
<b>Language</b>	<b>12-16</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>60-68</b>

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

Domain (Reporting Categories)	Possible Points for Grade 7
Literary Text	8-10
Informational Text	10-14

## Grade 8 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 8
<b>Reading**</b>	<b>20-24</b>
Key Ideas and Details	8-12
Craft and Structure/Integration of Knowledge and Ideas	8-12
<b>Writing</b>	<b>22-24</b>
Text Types and Purposes	8-10
Distribution and Production/Research	12-14
<b>Language</b>	<b>12-16</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>60-68</b>

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

Domain (Reporting Categories)	Possible Points for Grade 8
Literary Text	8-10
Informational Text	10-14

### ELA Grades 3–8 Timing Estimates

Test	Recommended Time Per Part	Recommended Total Test Time
Grade 3 Part 1: Reading	45 Minutes	75 minutes
Grade 3 Part 2: Writing	30 Minutes	
Grades 4–5 Part 1: Reading	45 minutes	100 Minutes
Grades 4–5 Part 2: Reading and TDA	30 Minutes	
Grades 4–5 Part 3: Writing	25 Minutes	
Grades 6–8 Part 1: Reading and TDA	75 Minutes	105 minutes
Grades 6–8 Part 2: Writing	30 Minutes	

## Grades 3–8 Mathematics Test Design

Test Summary		Number of Operational Items		
Grade	MC/MS/SA	Part One Total*	Part Two Total	Total Items
3	42	21	21	42
4	42	21	21	42
5	42	21	21	42
6	46	19	27	46
7	46	13	33	46
8	46	10	36	46

*\*Grades 3-5 do not allow the use of a calculator for either part. Part 1 in grades 6–8 does not allow the use of a calculator.*

### Grade 3 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 3
Number and Operations in Base Ten	6
Number and Operations—Fractions	7
Operations and Algebraic Thinking	15
Geometry and Measurement	14
<b>Total Math Points Possible</b>	<b>42</b>

### Grade 4 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 4
Number and Operations in Base Ten	8
Number and Operations—Fractions	12
Operations and Algebraic Thinking	10
Geometry and Measurement	12
<b>Total Math Points Possible</b>	<b>42</b>

### Grade 5 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 5
Number and Operations in Base Ten	8
Number and Operations—Fractions	16
Operations and Algebraic Thinking	6
Geometry and Measurement	12
<b>Total Math Points Possible</b>	<b>42</b>

### Grade 6 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 6
The Number System	13
Ratios and Proportional Relationships	6
Expressions and Equations	15
Geometry	6
Statistics and Probability	6
<b>Total Math Points Possible</b>	<b>46</b>

### Grade 7 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 7
The Number System	8
Ratios and Proportional Relationships	10
Expressions and Equations	13
Geometry	7
Statistics and Probability	8
<b>Total Math Points Possible</b>	<b>46</b>

### Grade 8 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 8
Numbers, Expressions, and Equations	19
Functions	10
Geometry	11
Statistics and Probability	6
<b>Total Math Points Possible</b>	<b>46</b>

### Mathematics Grades 3–8 Timing Estimates

Test	Recommended Time Per Part	Recommended Total Test Time
Grades 3–5 Part 1: Non-Calculator	35 Minutes	70 Minutes
Grades 3–5 Part 2: Non-Calculator	35 Minutes	
Grade 6 Part 1: Non-Calculator	35 Minutes	80 Minutes
Grade 6 Part 2: Calculator	45 Minutes	
Grades 7 Part 1: Non-Calculator	20 Minutes	80 Minutes
Grades 7 Part 2: Calculator	60 Minutes	
Grade 8 Part 1: Non-Calculator	15 Minutes	80 Minutes
Grade 8 Part 2: Calculator	65 Minutes	



*Grade 9 English Language Arts and Mathematics*

**Grade 9 ELA Test Design**

Writing Part			Reading Part			Text Dependent Writing		ELA		
MC, MS, TE 1 pt	EBSR, MS, TE 2 pt	Total Writing Items	MC, MS, TE 1 pt	EBSR, MS, TE 2 pt	Total Reading Items	Text-Dependent Analysis (TDA) 4 pts x 2	Total TDA Points	Total OP Est. Points	Total FT Items	Total ELA Items
			5-6 Passage Sets*			1 Passage Set*^				
20-24	6-8	26-32	28-32	8-12	25-30	1	8	68-73	15	67-78

\*Passage Set is defined as a unit, which could be one passage or multiple passages.

^ TDA passage set is included in the total number of passage sets stated for Reading.

**Grades 9 ELA Test Blueprint**

Domain	Possible Points for Grade 9
<b>Reading - Literary Text</b> (Key Ideas/Details: RL standards 1, 2, 3 Craft and Structure: RL standards 4, 5, 6 Integration of Knowledge/Ideas: RL standards 7 and 9)	12-18
<b>Reading - Informational Text</b> (Key Ideas/Details: RI standards 1, 2, 3 Craft and Structure: RI standards 4, 5, 6 Integration of Knowledge/Ideas: RI standards 7, 8, 9)	16-24
<b>Writing</b> (Text Type/Purposes: W standards 1, 2, 3 Production and Distribution: W standards 4, 5, 6 Research: W standards 7 and 8)	18-20
<b>Language</b> (Language/Conventions: L Standards 1, 2, 3 Language/Vocabulary Acquisition: L standards 4 and 5)	8-10
<b>Text Dependent Analysis Writing (TDA)</b> Reading and Writing: W standard 9 (Key Ideas/Details: RL standards 1, 2, 3 Craft and Structure: RL standards 4, 5, 6 Key Ideas/Details: RI standards 1, 2, 3 Craft and Structure: RI standards 4, 5, 6 Integration of Knowledge/Ideas: RI standards 7, 8, 9)	8
<b>Total ELA Points Possible</b>	<b>68-73</b>

*Note: Reading Standard 10 for both literary text and informational text and Language Standard 6 are covered globally throughout the passages and items.*

## Grade 9 ELA Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 9
<b>Reading**</b>	<b>24-32</b>
Key Ideas and Details	14-18
Craft and Structure/Integration of Knowledge and Ideas	10-16
<b>Writing</b>	<b>14-20</b>
Text Types and Purposes	6-10
Distribution and Production/Research	8-12
<b>Language</b>	<b>8-10</b>
<b>Text-Dependent Analysis Writing (TDA)</b>	<b>8</b>
<b>Total ELA Points Possible</b>	<b>68-73</b>

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

Domain (Reporting Categories)	Possible Points for Grade 9
Literary Text	12-18
Informational Text	16-24

## Grade 9 ELA Timing Estimates

Test	Estimated Time Per Part	Estimated Total Test Time
Grades 9 Part 1: Reading and TDA	85 minutes	120 Minutes
Grades 9 Part 2: Writing	35 minutes	

## Grade 9 Mathematics Test Design

2017 MC/MS/GR/SA OP 1 pt	OP/FT	Total OP Points	Total Points
30	42	60	72

## Grade 9 Mathematics Reporting Categories

Domain (Reporting Categories)	Possible Points for Grade 9
1. Number and Quantity	7-9
2. Algebra	22-24
3. Functions	19-21
5. Statistics and Probability	8-10
<b>Total Mathematics Points Possible</b>	<b>60</b>

## Grade 9 Mathematics Timing Estimates

Test	Estimated Time Per Part	Estimated Total Test Time
Part 1: Calculator	45 – 60 minutes	90-120 Minutes
Part 2: Calculator	45 – 60 minutes	