

***Winsight*[®] Summative Assessment Brief — 2019**

The *Winsight*[®] summative assessments in mathematics and English language arts are one component of the Winsight assessment system.

Overview of the Winsight Assessment System

The Winsight assessment system is a comprehensive, highly connected assessment system that includes summative, benchmark and formative components. In contrast to summative assessment alone, this integrated approach allows educators to identify and remediate learning issues before the end-of-year assessment.

The Winsight assessment uses learning progressions and state standards-aligned frameworks to guide the design and reporting infrastructure that integrates the three assessment components:

Summative assessments, which measure annual growth in student learning

Benchmark assessments, which provide class snapshots at the beginning and middle of the school year

Testlets, teacher-directed interim assessments, which provide an engaging deep dive into a cluster of related knowledge and skills, measuring students' conceptual development along a continuum from novice to expert

Mathematics and English Language Arts Summative Assessments — General Description

The Winsight summative assessments provide evidence to help determine how well students in grades 3 through 10 are meeting state standards in mathematics and English language arts. Assessments in both content areas measure the content knowledge and skills described in state-standards-aligned frameworks. The mathematics assessment also measures students' ability to apply the mathematical practices of argumentation and modeling.

Mathematics Summative Assessment — About this Test

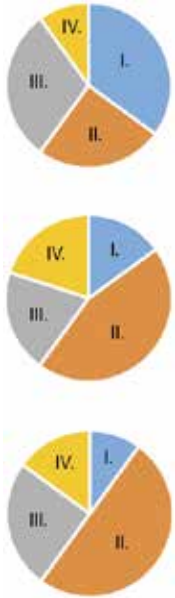
The mathematics test assesses mathematical content knowledge and practices described in the state standards. The test measures a student’s procedural knowledge of numbers and operations as well as a student’s ability to solve problems using fundamental concepts and reasoning skills. The test also assesses a student’s ability to engage in the mathematical practices of argumentation and modeling through the lens of the content of the grade-level frameworks aligned with state standards. The test contains some questions that require a student to construct a mathematical argument or develop and explain a mathematical model. The standards are assessed through the lens of several learning progressions to provide enhanced levels of information in reporting of assessment results.

Test Design and Item Types

This multistage adaptive assessment begins with a router stage that gauges student ability levels. The results from the router determine the difficulty level of the second stage of the assessment. The third stage will include a performance task that is common to all students. The assessment comprises a range of item types including selected response, technology enhanced, and several forms of constructed response, including numeric entry, graphing, and extended text with an equation editor.


The following tables provide at-a-glance information for the math test designs by grade band (3 to 5, 6 to 8, and high school).

Test at a Glance

Test Name	Mathematics Grade Band 3 to 5
Approximate Time	2 hours, 30 minutes
Number of Points	78
Approximate Number of Items	68
Item Types	<p>Multiple Choice</p> <p>Other Selected Responses</p> <ul style="list-style-type: none"> • Multiple Select • Inline Choice • Drag and Drop • Table Grid • Zone <p>Constructed Response</p> <ul style="list-style-type: none"> • Numeric Entry • Fraction Entry • Graph (grade 5 only) • Extended Text with Equation Editor
Calculator Use	A calculator is not permitted during the content section, but an on-screen four-function calculator will be provided for the argumentation and modeling section.
	Content Categories*
	Grade 3 <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (35%) II. Numbers and Operations (25%) III. Measurement and Data (30%) IV. Geometry (10%)
	Grade 4 <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (15%) II. Numbers and Operations (45%) III. Measurement and Data (20%) IV. Geometry (20%)
	Grade 5 <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (10%) II. Numbers and Operations (50%) III. Measurement and Data (25%) IV. Geometry (15%)
	Task Types
	<ul style="list-style-type: none"> I. Content (75%) II. Argumentation and Modeling (25%)


*Some percentages have been rounded up to the next whole number.

Test at a Glance

Test Name	Mathematics Grade Band 6 to 8
Approximate Time	3 hours
Number of Points	92
Approximate Number of Items	80
Item Types	<p>Multiple Choice</p> <p>Other Selected Responses</p> <ul style="list-style-type: none"> • Multiple Select • Inline Choice • Drag and Drop • Table Grid • Zone <p>Constructed Response</p> <ul style="list-style-type: none"> • Numeric Entry • Fraction Entry • Graph • Extended Text with Equation Editor
Calculator Use	An on-screen scientific calculator will be provided for some items in the content section and for all items in the argumentation and modeling section.
	Content Categories*
	Grade 6 <ul style="list-style-type: none"> I. Ratio and Proportion (23%) II. The Number System (23%) III. Expressions and Equations (25%) IV. Geometry (15%) V. Statistics and Probability (15%)
	Grade 7 <ul style="list-style-type: none"> I. Ratio and Proportion (20%) II. The Number System (15%) III. Expressions and Equations (25%) IV. Geometry (20%) V. Statistics and Probability (20%)
	Grade 8 <ul style="list-style-type: none"> I. The Number System (3%) II. Expressions and Equations (28%) III. Functions (30%) IV. Geometry (25%) V. Statistics and Probability (14%)
	Task Types <ul style="list-style-type: none"> III. Content (75%) IV. Argumentation and Modeling (25%)

*Some percentages have been rounded up to the next whole number.

Test at a Glance

Test Name	Mathematics High School
Approximate Time	High school (end of course) 2 hours High school (cumulative) 3 hours
Number of Points	High school (end of course) 68 High school (cumulative) 104
Approximate Number of Items	High school (end of course) 56 High school (cumulative) 86
Item Types	<p>Multiple Choice</p> <p>Other Selected Responses</p> <ul style="list-style-type: none"> • Multiple Select • Inline Choice • Drag and Drop • Table Grid • Zone <p>Constructed Response</p> <ul style="list-style-type: none"> • Numeric Entry • Fraction Entry • Graph • Extended Text with Equation Editor
Calculator Use	An on-screen graphing calculator will be provided for the entire test.
	Content Categories*
	ALGEBRA 1 <ul style="list-style-type: none"> I. Number and Quantity (10%) II. Algebra (40%) III. Functions (40%) IV. Statistics and Probability (10%)
	GEOMETRY <ul style="list-style-type: none"> I. Congruence (25%) II. Similarity and Right Triangles (25%) III. Circles (17%) IV. Coordinate Geometry (17%) V. Geometric Measurement (17%)
	HIGH SCHOOL CUMULATIVE <ul style="list-style-type: none"> I. Number and Quantity (10%) II. Algebra (25%) III. Functions (25%) IV. Geometry (30%) V. Statistics and Probability (10%)
	Task Types
	<ul style="list-style-type: none"> V. Content (70%) VI. Argumentation and Modeling (30%)

*Some percentages have been rounded up to the next whole number.

English Language Arts (ELA) Summative Assessments — About This Test

The ELA test measures knowledge and skills in five content categories: reading literature, reading informational text, writing, language and listening. It provides evidence of a test taker’s ability to comprehend, interpret and analyze a variety of sources and to communicate through writing in a variety of modes and genres. Students read, watch or listen to a range of high-quality literary and informational media — writing, videos and audio recordings — and then answer questions about them. Students also produce writing in response to text-based questions. The selections are presented in multiple genres on subject matter that varies in purpose and style. They are presented in isolation and in related pairs.

The written selections will span various forms (e.g., narratives, memoirs, essays, articles, reports, biographical sketches, drama, editorials and poetry). The lengths of texts vary significantly across grade levels. Texts are evaluated for appropriateness using both quantitative methods (e.g., ETS’s *TextEvaluator*® tool) and qualitative methods (human judgment).

All selections — written, video and audio — are vigorously screened for any sources of bias or non-construct interference. In addition to being aligned with frameworks based on state standards, most ELA items are also aligned with learning progressions. This alignment can help educators identify the qualitative shifts that occur as students reach higher levels of sophistication for a key concept, process, strategy, practice or habit of mind.

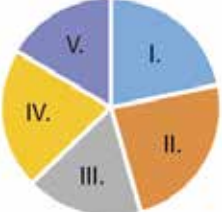
Test Design and Item Types

This multistage adaptive assessment begins with a router stage that gauges student ability levels. The results from the router determine the difficulty level of the second stage of the assessment. The third stage includes a performance task that is common to all students. The assessment comprises a range of item types, including selected response, technology enhanced, short constructed response and one long constructed response.

The following tables provide at-a-glance information for the ELA test designs by grade band (3 to 5, 6 to 8, and high school).

Test at a Glance


Test Name	English Language Arts Grade Band 3 to 5
Approximate Time	2 hours, 45 minutes
Number of Points	Grade 3: 88 Grade 4: 90 Grade 5: 94
Approximate Number of Items	Grade 3: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 52 Multiple Choice or Technology Enhanced Grade 4: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 53 Multiple Choice or Technology Enhanced Grade 5: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 56 Multiple Choice or Technology Enhanced
Number of Stimuli	<ul style="list-style-type: none"> • 1 Informational Single Passage • 2 Paired Informational Passages or 1 Passage Paired with 1 Video • 2 Paired Informational Passages (for the Performance Task) • 1 Literary Single Passage • 2 Paired Literary Passages • 3 Audio Recordings • 2 Pieces of Simulated Student Writing
Item Types	Multiple-Choice and Technology-Enhanced Items <ul style="list-style-type: none"> • Multiple Choice • Inline Choice List • Inline Text Choice • Match (Drag and Drop) • Grid • Zone • Text Entry • Composite (2 part)

	<p><i>The items above are worth 1 point if they require a single response and 2 points if they require more than one response. Some 2-point items are eligible for partial credit.</i></p> <p>Constructed-Response Items</p> <ul style="list-style-type: none"> • Short (3 points) • Long (8 points)
	<p>Content Categories*</p> <p>Application of concepts, analysis, synthesis and evaluation:</p> <ul style="list-style-type: none"> I. Reading Literature (24–25%) II. Reading Informational Text (25–27%) III. Language (19%) IV. Writing (19%) V. Listening (11%)

*Some percentages have been rounded up to the next whole number.

Test at a Glance

Test Name	English Language Arts Grade Band 6 to 8
Approximate Time	2 hours, 45 minutes
Number of Points	Grade 6: 97 Grade 7: 101 Grade 8: 105
Approximate Number of Items	Grade 6: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 58 Multiple Choice or Technology Enhanced Grade 7: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 61 Multiple Choice or Technology Enhanced Grade 8: <ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 64 Multiple Choice or Technology Enhanced
Number of Stimuli	<ul style="list-style-type: none"> • 1 Informational Single Passage • 2 Paired Informational Passages or 1 Passage Paired with 1 Video • 2 Paired Informational Passages (for the Performance Task) • 1 Literary Single Passage • 2 Paired Literary Passages • 3 Audio Recordings • 2 Pieces of Simulated Student Writing
Item Types	<p>Multiple-Choice and Technology-Enhanced Items</p> <ul style="list-style-type: none"> • Single-Select Multiple Choice • Multiple-Select Multiple Choice • Inline Choice List • Inline Text Choice • Match (Drag and Drop) • Grid • Zone • Text Entry • Composite (2 part) <p><i>The items above are worth 1 point if they require a single response and 2 points if they require more than one response. Some 2-point items are eligible for partial credit.</i></p> <p>Constructed-Response Items</p> <ul style="list-style-type: none"> • Short (3 points) • Long (8 points)

	<p>Content Categories*</p> <p>Application of concepts, analysis, synthesis and evaluation:</p> <ul style="list-style-type: none">I. Reading Literature (23%)II. Reading Informational Text (27–29%)III. Language (18–19%)IV. Writing (18–19%)V. Listening (12–13%)
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*Some percentages have been rounded up to the next whole number.

Test at a Glance

Test Name	English Language Arts High School
Approximate Time	2 hours, 45 minutes
Number of Points	108
Approximate Number of Items	<ul style="list-style-type: none"> • 2 Short Constructed Response • 1 Long Constructed Response • 66 Multiple Choice or Technology Enhanced
Number of Stimuli	<ul style="list-style-type: none"> • 1 Informational Single Passage • 2 Paired Informational Passages or 1 Passage Paired with 1 Video • 2 Paired Informational Passages (for the Performance Task) • 1 Literary Single Passage • 2 Paired Literary Passages • 3 Audio Recordings • 2 Pieces of Simulated Student Writing
Item Types	<p>Multiple-Choice and Technology-Enhanced Items</p> <ul style="list-style-type: none"> • Select Multiple Choice • Inline Choice List • Inline Text Choice • Match (Drag and Drop) • Grid • Zone • Text Entry • Composite (2 part) <p><i>The items above are worth 1 point if they require a single response and 2 points if they require more than one response. Some 2-point items are eligible for partial credit.</i></p> <p>Constructed-Response Items</p> <ul style="list-style-type: none"> • Short (3 points) • Long (8 points)
	Content Categories*
	<p>Application of concepts, analysis, synthesis and evaluation:</p> <ul style="list-style-type: none"> I. Reading Literature (19%) II. Reading Informational Text (34%) III. Language (18%) IV. Writing (18%) V. Listening (12%)

*Some percentages have been rounded up to the next whole number.