

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

The *Winsight*[®] benchmark 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 Benchmark Assessments — General Description

The Winsight benchmark assessments are intended to help track student learning throughout the school year, providing valuable touch points to enable teachers to adjust curriculum and instructional strategies as needed. Each assessment can be completed in 40 to 50 minutes, either in one sitting or two.

The benchmark assessments can serve different purposes based on when they are given. At the beginning of the year, they can help teachers get an early view of the skill range of their new group of students. At the midyear point, they can provide a sense of student progression from a benchmark assessment given at the beginning of the year and help to determine how well students are prepared for the summative assessment. At the end of the year, they can guide summer learning plans or provide a pre-post-assessment for the school year to inform curriculum decisions.

Most of the questions on the benchmark assessments are identical in format and approach to the questions on the summative assessment, and they are aligned with most of the same content specifications. Therefore, students' performance on the benchmark assessments is a good predictor of their performance on the summative assessment. Taking the benchmark assessments can also help students become familiar with the types of questions they will see on summative tests.

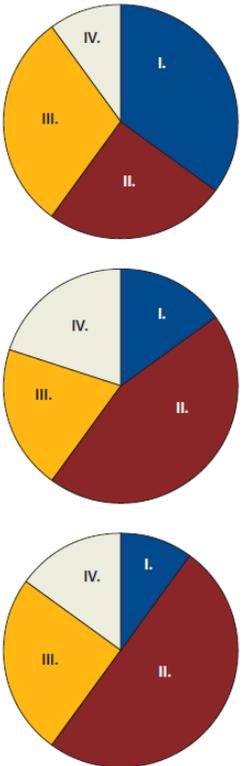
All questions on the benchmark assessments are machine scored. This includes the short written responses for English language arts, evaluated using ETS's innovative artificial intelligence scoring program. Machine scoring allows for accurate results within two days of administering the test.

Mathematics Benchmark Assessment — About this Test

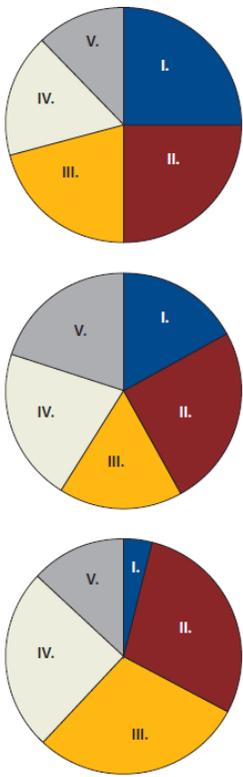
The mathematics benchmark assessment consists of two stages, each taking approximately 20–25 minutes. The stages can be administered in a single class period or over the course of two separate class periods.

The two stages of the mathematics benchmark assessment are the router stage and the adaptive stage. The router stage consists of content items that measure the knowledge and skills described by the content evidence statements for that grade. The adaptive stage consists of additional content items that are more or less challenging, based on the student's performance on the router stage, and argumentation and modeling items that measure the student's ability to engage in these key mathematical practices.

Test at a Glance

Test Name	Mathematics Grade Band 3 to 5
Approximate Time	40–50 minutes
Number of Points	26
Approximate Number of Items	23
Item Types	<p>Multiple Choice</p> <p>Other Selected Response</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
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
	<p>Grade 3</p> <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (35%) II. Number of Operations (25%) III. Measurement and Data (30%) IV. Geometry (10%)
	<p>Grade 4</p> <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (15%) II. Number of Operations (45%) III. Measurement and Data (20%) IV. Geometry (20%)
	<p>Grade 5</p> <ul style="list-style-type: none"> I. Operations and Algebraic Thinking (10%) II. Number of Operations (50%) III. Measurement and Data (25%) IV. Geometry (15%)
	Task Types
	<ul style="list-style-type: none"> I. Content (77%) II. Argumentation and Modeling (23%)

Test at a Glance

Test Name	Mathematics Grade Band 6 to 8
Approximate Time	40–50 minutes
Number of Points	30
Approximate Number of Items	27
Item Types	<p>Multiple Choice</p> <p>Other Selected Response</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
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. Number System (25%) II. Expression and Equations (25%) III. Ratios and Proportions (21%) IV. Geometry (17%) V. Statistics and Probability (12%)
	Grade 7 <ul style="list-style-type: none"> I. Number System (17%) II. Expression and Equations (25%) III. Ratios and Proportions (17%) IV. Geometry (21%) V. Statistics and Probability (20%)
	Grade 8 <ul style="list-style-type: none"> I. Number System (4%) II. Expression and Equations (29%) III. Functions (29%) IV. Geometry (25%) V. Statistics and Probability (13%)
	Task Types
	<ul style="list-style-type: none"> III. Content (80%) IV. Argumentation and Modeling (20%)

Test at a Glance

Test Name	Mathematics High School
Approximate Time	40–50 minutes
Number of Points	34
Approximate Number of Items	30
Item Types	<p>Multiple Choice</p> <p>Other Selected Response</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
Calculator Use	An on-screen graphing calculator will be provided for the entire test.
	<p>Content Categories</p>
	<p>Algebra EOC</p> <ul style="list-style-type: none"> I. Number and Quantity (8%) II. Algebra (42%) III. Functions (38%) IV. Statistics and Probability (12%)
	<p>Geometry EOC</p> <ul style="list-style-type: none"> I. Congruence (27%) II. Similarity and Right Triangles (23%) III. Circles (15%) IV. Coordinate Geometry (20%) V. Geometric Measurement (15%)
	<p>Cumulative</p> <ul style="list-style-type: none"> I. Number and Quantity (8%) II. Algebra (27%) III. Functions (27%) IV. Geometry (30%) V. Statistics and Probability (8%)
	<p>Task Types</p> <ul style="list-style-type: none"> I. Content (76%) II. Argumentation and Modeling (24%)

English Language Arts Benchmark Assessment — About this Test

The English language arts (ELA) benchmark assessment consists of two stages. Stage 1 takes approximately 15–20 minutes, and Stage 2 takes approximately 25–30 minutes. The stages can be administered in a single class period or over the course of two separate class periods.

There are two different structures for ELA benchmark test forms. Both include a router stage, with common questions for all students in that grade, and an adaptive stage, in which students are given more challenging or less challenging questions based on their performance in the router stage. Schools or districts may choose the form structure that best fits their instructional needs at the time.

Benchmark A	Benchmark B
<p><i>Router Stage</i></p> <ul style="list-style-type: none"> Literary passage and questions Audio stimulus and questions <p><i>Adaptive Stage</i></p> <ul style="list-style-type: none"> Pair of informational stimuli and questions, including a short written response Simulated draft of student writing with questions about revision 	<p><i>Router Stage</i></p> <ul style="list-style-type: none"> Informational passage and questions Audio stimulus and questions <p><i>Adaptive Stage</i></p> <ul style="list-style-type: none"> Pair of literary stimuli and questions including a short written response Simulated draft of student writing with questions about revision

In addition to being aligned with an evidence statement from a state standards-aligned framework, each ELA item in Winsight benchmark and summative assessments is also linked to a key practice and, whenever possible, a learning progression, both identified by ETS researchers. Key practices are bundles of closely related reading, writing and critical thinking tasks that must be mastered to achieve college and career readiness. Learning progressions specify qualitative shifts that occur as students reach higher levels of sophistication for a key practice. These developmental signposts can help teachers create targets for instruction and assessments. The following example from Grade 4 demonstrates the relationship between standards, evidence statements, key practices and learning progression (LP) levels.

Standard	Evidence Statement	Key Practice	Learning Progression Levels
R14.8	Explain how an author uses reasons and/or evidence to support particular points in a text.	Discuss and debate ideas	<p>Reasons and Evidence, Level 1</p> <p>a) Identify reasons people give to support a specific point. b) Generate at least one reason to support a specific point, in sentence form.</p> <p>Reasons and Evidence, Level 2</p> <p>Identify supporting reasons or evidence in a written text and relate them to the point they support.</p> <p>Taking a Position, Level 1</p> <p>a) Infer which side people are taking in an argument based on the reasons or evidence they provide. b) Formulate simple strategies for verifying statements (such as finding a confirming example or trying an idea to see if it works).</p>

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Scores will be available within two days of the benchmark assessment being completed. In addition to an overall scaled score and predictive score (to predict performance on the summative assessment), subscore reports for combined content categories (“Reading” for the Reading Literature and Reading Informational Texts content categories and “Writing and Language” for those two content categories) will also be available in most cases. Because there are so few listening questions, they will not be part of a reporting category, but they will be represented in the overall scores. In the summative assessment, more specific subscore reporting is possible because of the larger number of questions.

Test at a Glance

Test Name	English Language Arts Grade Band 3 to 5
Approximate Time	40–50 minutes
Number of Points	31
Approximate Number of Items	20
Number of Stimuli	<p>Benchmark A</p> <p>Stage 1 (router):</p> <ul style="list-style-type: none"> • 1 Literary Single Passage • 1 Audio Recording <p>Stage 2 (adaptive):</p> <ul style="list-style-type: none"> • 2 Paired Informational Passages or 1 Passage Paired with 1 Video • 1 Piece of Simulated Student Writing <p>Benchmark B</p> <p>Stage 1 (router):</p> <ul style="list-style-type: none"> • 1 Informational Single Passage • 1 Audio Recording <p>Stage 2 (adaptive):</p> <ul style="list-style-type: none"> • 2 Paired Literary Passages • 1 Piece of Simulated Student Writing <p><i>Informational passage types include articles, essays, biographies, reports, functional/procedural texts and memoirs.</i></p> <p><i>Literary passage types include stories (mystery, science fiction, myths, folktales, and historical fiction), drama, literary nonfiction and poetry.</i></p>

Test at a Glance

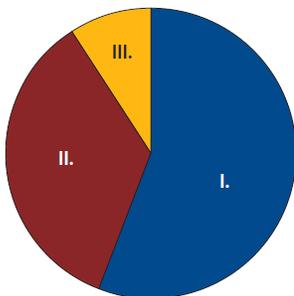
Item Types

- Single-Select Multiple Choice
- Multiple-Select Multiple Choice
- Inline Choice List
- Inline Text Choice
- Match (Drag and Drop)
- Grid
- Zone
- Text Entry

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.

- Short Constructed Response

Each form includes one short CR worth 3 points.



Content Categories*

Application of concepts, analysis, synthesis and evaluation involving the following categories:

- Reading (46%)
- Writing and Language (46%)
- Listening (10%)

Because of the small number of Listening items, no subscore will be reported for Listening.

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

Test at a Glance

Test Name	English Language Arts Grade Band 6 to 10
Approximate Time	40–50 minutes
Number of Points	35
Number of Questions	Approximately 22
Number of Stimuli	<p>Benchmark A Stage 1 (router):</p> <ul style="list-style-type: none"> • 1 Literary Single Passage • 1 Audio Recording <p>Stage 2 (adaptive):</p> <ul style="list-style-type: none"> • 2 Paired Informational Passages or 1 Passage Paired with 1 Video • 1 Piece of Simulated Student Writing <p>Benchmark B Stage 1 (router):</p> <ul style="list-style-type: none"> • 1 Informational Single Passage • 1 Audio Recording <p>Stage 2 (adaptive):</p> <ul style="list-style-type: none"> • 2 Paired Literary Passages • 1 Piece of Simulated Student Writing <p><i>Informational passage types include articles, essays, biographies, reports, functional/procedural texts and memoirs.</i></p> <p><i>Literary passage types include stories (mystery, science fiction, myths, folktales, and historical fiction), drama, literary nonfiction and poetry.</i></p>

Test at a Glance

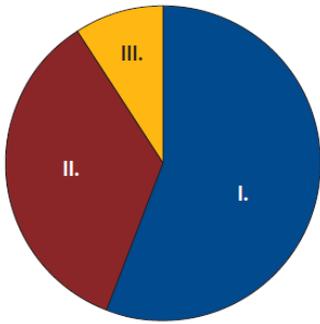
Item Types

- Single-Select Multiple Choice
- Multiple-Select Multiple Choice
- Inline Choice List
- Inline Text Choice
- Match (Drag and Drop)
- Grid
- Zone
- Text Entry

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.

- Short Constructed Response

Each form includes one short CR worth 3 points.



Content Categories*

Application of concepts, analysis, synthesis and evaluation involving the following categories:

- IV. Reading (43%)
- V. Writing and Language (46%)
- VI. Listening (11%)

Because of the small number of Listening items, no subscore will be reported for Listening.

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