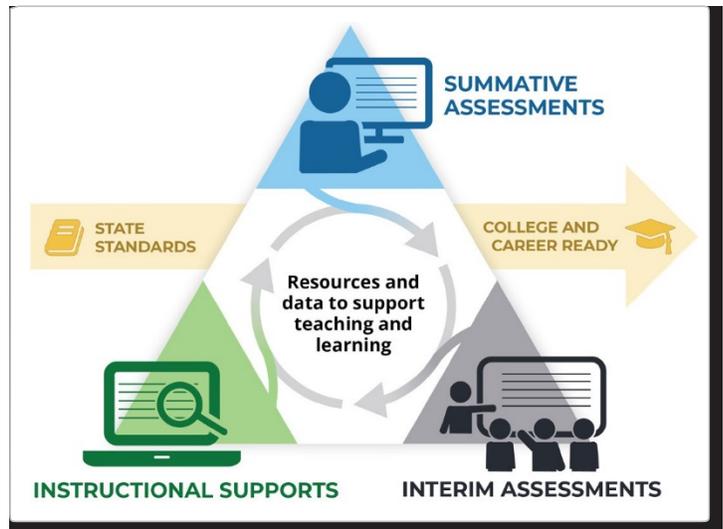


The Smarter Balanced Assessment System consists of three components: end-of-year **summative assessments** designed for accountability purposes, **interim assessments** designed to support teaching and learning throughout the year, and a suite of resources in the new [Tools for Teachers](#) web site that support classroom-based **formative assessment practices**.



This document describes the interim assessments, including their purpose, use, and varieties. For each grade and subject, this document provides a list of all interim assessments available for the 2020-21 school year.

Contents

Types of Interim Assessments	2
Features of Interim Assessments	2
Interim Assessments at a Glance	2
Using Interim Assessments	3
Formal vs. Non-Formal Administration	3
Administering Interim Assessments	3
Teacher Hand Scoring	3
Interim Assessment Security	3
2020-21 ELA/Literacy Interim Assessments	5
2020-21 Mathematics Interim Assessments	12

Types of Interim Assessments

Smarter Balanced offers different types of interim assessments based on the granularity of the content they assess.

Interim Comprehensive Assessments (ICAs) measure similar content to the summative assessment and may be helpful for determining the knowledge and skills of students who are new to the district or the state. ICAs can also provide information about students' knowledge and skills after a significant period of instruction.

Interim Assessment Blocks (IABs) are assessments teachers can use throughout the school year to assess smaller bundles of content. They are intended to provide educators and students the ability to check where they are at that moment in time, and educators can use results to determine next steps for instruction.

Since the IABs are more granular than the ICAs, educators can use IABs during the school year more consistently with the sequence of their curricula. Focused IABs will assess no more than three assessment targets to provide educators with a more detailed understanding of student learning.

Each IAB is associated with a Connections Playlist that supports teachers in determining instructional next steps to help students based on their performance on the assessment. The playlists include links to instructional resources in Tools for

Teachers. These resources include lessons and activities to enhance instruction, and all lessons provide accessibility strategies to help support the diverse needs of learners.

The ICAs and IABs draw from the same bank of items and performance tasks.

Features of Interim Assessments

- Flexible administration options better support local purposes.
- Items include all the accessibility resources available in the summative assessment to help provide accurate results for students.
- Student performance on Interim Comprehensive Assessments is reported on the same scoring scale as the summative assessment.
- They may be used to measure students' knowledge and skills in grade levels other than the students' enrolled grades.
- They include rigorous items that:
 - cover the range of Depth of Knowledge described in the Connecticut Core Standards (CCS).
 - allow educators access to preview the test questions and their students' responses to the test questions as [part of educators' instructional process](#) to address students' relative strengths and needs for improvement.

INTERIM ASSESSMENTS AT A GLANCE

Interim Comprehensive Assessments



Assess the full range of targets, similar to the summative.

Examples:

- Grade 3 ELA
- Grade 3 Math

Interim Assessment Blocks



Assess 3–8 targets in Math or ELA/literacy.

Examples:

- Grade 3 ELA, *Reading Literary Texts*
- Grade 3 Math, *Operations and Algebraic Thinking*

Focused Interim Assessment Blocks



Assess 1–3 targets in Math or ELA/literacy.

Examples:

- Grade 3 ELA, *Research: Analyze Information*
- Grade 3 Math, *Multiply and Divide*

Using Interim Assessments

Interim assessments can serve a variety of educator needs. To better support the range of possible uses consistent with the policies of member education agencies, educators may establish the timeframe, administration policies, and scoring practices for interim assessments. However, interim assessments are not intended to be used for accountability purposes.

Formal vs. Non-formal Administration

Interims can be administered in both [formal and non-formal ways](#) in the classroom. In a traditional administration, educators assign each student an interim assessment to take individually, and educators can use students' results as part of the formative assessment process. Educators can also use interim assessments in non-formal administrations by displaying items to a class using the Assessment Viewing Application (AVA) for students to answer on paper, in small groups, or as a class discussion. Also in a non-formal administration, educators can conduct instructional activities, such as eliciting evidence from students using white boards, incorporating peer feedback while administering brief writes or performance tasks, or using an item to set up students working in small groups.

Administering Interim Assessments

Both the ICAs and the IABs are administered online and use the same delivery software as the summative assessments. Members have the flexibility to re-administer interim assessments any number of times. These decisions should be made as part of a larger assessment context that includes the purpose of the interim assessment, how the interim assessment will be scored, and how the data from the interim assessment will be used to improve teaching and learning. Interim assessment reports can be generated from the Smarter Balanced or member-designated reporting systems.

The ICAs and IABs contain a number of overlapping items. Therefore, students who take the ICAs and IABs more than once, or who take both the ICAs and IABs in the same grade levels and content areas, may see the same items more than once. As more interim assessment items are available, the ICAs and IABs will have fewer overlapping items.

Teacher Hand Scoring

Most items in the interim assessments will be scored via the computer. However, there are some test questions that need to be hand scored. In mathematics, hand scoring is only required for dependent items within the performance tasks.

Smarter Balanced provides self-guided hand-scoring training materials including rubrics and sample responses for use by educators who will score student responses.

Interim Assessment Security

The interim assessments are considered student- and teacher-facing only. This designation provides educators the flexibility to access the test questions and their students' responses to the test questions.

However, interim assessments must not be publicly displayed or distributed outside the classroom to ensure all educators can use the interim assessments as intended.

Only authorized local educational agency staff and students should have access to the interim assessments. Finally, interim assessment items must not be copied into third party systems without the permission of Smarter Balanced. Without permission, such activity is a copyright violation.

	Interim Comprehensive Assessments (ICAs)	Interim Assessment Blocks (IABs)	Focused IABs
What they measure	ICAs measure a similar range of content as the summative assessments and assess similar claims, targets, and standards.	IABs assess 3–8 targets.	Focused IABs assess 1–3 targets.
Test format	ICAs are fixed-form tests.	IABs are fixed-form tests.	Focused IABs are fixed-form tests.
Kinds of test items	ICAs include the same item types and formats, including performance tasks, as the summative assessments.	IABs include the same item types and formats, including performance tasks, as the summative assessments.	Focused IABs include the same item types and formats as the summative assessments.
Reporting results	ICAs yield overall scale scores (on the same vertical scale), overall performance level designations, and claim-level information as the summative assessments. Claim-level information results are reported as “Below Standard,” “At/Near Standard,” and “Above Standard.”	Results are reported as “Below Standard,” “At/Near Standard,” and “Above Standard.”	Results are reported as “Below Standard,” “At/Near Standard,” and “Above Standard.”
Resources for next steps	Educators can search the Digital Library for relevant resources by filtering for a given grade level, subject, and claim.	Each IAB is associated with a Connections Playlist that supports teachers by describing actions they may take to help their students based on their performance on the assessment. Playlists include links to instructional resources in Tools for Teachers that support the formative assessment process by providing tools, resources, and instructional strategies.	Each focused IAB is associated with a Connections Playlist that supports teachers by describing actions they may take to help their students based on their performance on the assessment. Playlists include links to instructional resources in Tools for Teachers that support the formative assessment process by providing tools, resources, and instructional strategies.

2020-21 ELA/LITERACY INTERIM ASSESSMENTS

ELA: Grade 3



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 3 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 7; and Claim 4, Targets 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: Grade 4



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 4 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 2; and Claim 4: 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: Grade 5



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 5 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 2; and Claim 4, Targets 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: Grade 6



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 6 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 7; and Claim 4, Targets 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: Grade 7



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 7 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 4; and Claim 4, Targets 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: Grade 8



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 8 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Edit/Revise*	Claim 2, Targets 1b, 3b, 6b, 8, 9
Performance Task ¹	Claim 2, Target 4; and Claim 4, Targets 2, 3, or 4

*The Edit/Revise IAB for Grade 8 will be separated and the Language and Vocabulary Use IAB will be available as soon as possible when items are available in the item bank.



Focused IABs

Assessment Name	Targets Assessed
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

ELA: High School



Interim Comprehensive Assessments (ICAs)

Assessment Name	Targets Assessed
Grade 9 ELA ICA ¹	Full range of targets
Grade 10 ELA ICA ¹	Full range of targets
Grade 11 ELA ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Read Literary Texts ¹	Claim 1, Targets 1, 2, 3, 4, 5, 6, 7
Read Informational Texts ¹	Claim 1, Targets 8, 9, 10, 11, 12, 13, 14
Brief Writes ¹	Claim 2, Targets 1a, 3a, 6a
Revision	Claim 2, Targets 1b, 3b, 6b
Research	Claim 4, Targets 2, 3, 4
Performance Task ¹	Claim 2, Target 7; and Claim 4, Targets 2, 3, or 4



Focused IABs

Assessment Name	Targets Assessed
Language and Vocabulary Use (Writing)	Claim 2, Target 8: Language & Vocabulary Use
Editing	Claim 2, Target 9: Editing
Research: Interpret and Integrate Information	Claim 4, Target 2: Interpret & Integrate Information
Listen/Interpret	Claim 3, Target 4: Listen and Interpret
Research: Analyze Information	Claim 4, Target 3: Analyze Information/Sources
Write and Revise Narratives ¹	Claim 2, Target 1a: Write Brief Texts; Claim 2, Target 1b: Revise Brief Texts

¹ Includes at least one open-ended item

2019–20 MATHEMATICS INTERIM ASSESSMENTS

Math: Grade 3



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 3 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Operations and Algebraic Thinking	Claim 1, Targets A, B, C, D
Measurement and Data	Claim 1, Targets G, H, I, J
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Multiplication and Division: Interpret, Represent, and Solve	Claim 1, Target A: Represent and solve problems involving multiplication and division
Properties of Multiplication and Division	Claim 1, Target B: Understand properties of multiplication and the relationship between multiplication and division
Multiply and Divide within 100	Claim 1, Target C: Multiply and divide within 100
Number and Operations in Base Ten	Claim 1, Target E: Use place value understanding and properties of operations to perform multi-digit arithmetic
Number and Operations—Fractions	Claim 1, Target F: Develop understanding of fractions as numbers
Geometry	Claim 1, Target K: Reason with shapes and their attributes

¹ Includes at least one item that is hand-scored

Math: Grade 4



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 4 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Operations and Algebraic Thinking	Claim 1, Targets A, B, C
Number and Operations—Fractions	Claim 1, Targets F, G, H
Measurement and Data	Claim 1, Targets I, J, K
Number and Operations in Base Ten	Claim 1, Targets D, E
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Four Operations: Interpret, Represent, and Solve	Claim 1, Target A: Use the four operations with whole numbers to solve
Fraction Equivalence and Ordering	Claim 1, Target F: Extend understanding of fraction equivalence and ordering
Fractions and Decimal Notation	Claim 1, Target H: Understand decimal notation for fractions, and compare decimal fractions
Geometry	Claim 1, Target L: Draw and identify lines and angles, and classify shapes by properties of their lines and angles

¹ Includes at least one item that is hand-scored

Math: Grade 5



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 5 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Operations and Algebraic Thinking	Claim 1, Targets A, B
Number and Operations—Fractions	Claim 1, Targets E, F
Measurement and Data	Claim 1, Targets G, H, I
Number and Operations in Base Ten	Claim 1, Targets C, D
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Numerical Expressions	Claim 1, Target A: Write and interpret numerical expressions
Operations with Whole Numbers and Decimals	Claim 1, Target D: Perform operations with multi-digit whole numbers and with decimals to hundredths
Add and Subtract with Equivalent Fractions	Claim 1, Target E: Use equivalent fractions as a strategy to add and subtract fractions
Geometry	Claim 1, Target J: Graph points on the coordinate plane to solve real-world and mathematical problems Claim 1, Target K: Classify two-dimensional figures into categories based on their properties

¹ Includes at least one item that is hand-scored

Math: Grade 6



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 6 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
The Number System	Claim 1, Targets B, C, D
Expressions and Equations	Claim 1, Targets E, F, G
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Ratios and Proportional Relationships	Claim 1, Target A: Understand ratio concepts and use ratio reasoning to solve problems
Divide Fractions by Fractions	Claim 1, Target B: Apply and extend previous understandings of multiplication and division to divide fractions by fractions
One-Variable Expressions and Equations	Claim 1, Target F: Reason about and solve one-variable equations and inequalities
Dependent and Independent Variables	Claim 1, Target G: Represent and analyze quantitative relationships between dependent and independent variables
Geometry	Claim 1, Target H: Solve real-world and mathematical problems involving area, surface area, and volume
Statistics and Probability	Claim 1, Target I: Develop an understanding of statistics variability Claim 1, Target J: Summarize and describe distributions

¹ Includes at least one item that is hand-scored

Math: Grade 7



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade 7 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Expressions and Equations	Claim 1, Targets C, D
Geometry	Claim 1, Targets E, F
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Ratios and Proportional	Claim 1, Target A: Analyze proportional relationships and use them to solve real-world and mathematical problems
The Number System	Claim 1, Target B: Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers
Equivalent Expressions	Claim 1, Target C: Use properties of operations to generate equivalent expressions
Algebraic Expressions and Equations	Claim 1, Target D: Solve real-life and mathematical problems using numerical and algebraic expressions and equations
Geometric Figures	Claim 1, Target E: Draw, construct, and describe geometrical figures and describe the relationships behind them
Statistics and Probability	Claim 1, Target G: Use random sampling to draw inferences about a population Claim 1, Target H: Draw informal comparative inferences about two populations Claim 1, Target I: Investigate chance processes and develop, use, and evaluate probability model

¹ Includes at least one item that is hand-scored

Math: Grade 8



Interim Comprehensive Assessment (ICA)

Assessment Name	Targets Assessed
Grade8MathICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Expressions & Equations I	Claim 1, Targets B, C, D
Geometry	Claim 1, Targets G, H, I
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
The Number System	Claim 1, Target A: Know that there are numbers that are not rational, and approximate them by rational numbers
Proportional Relationships, Lines, and Linear Equations	Claim 1, Target C: Understand the connections between proportional relationships, lines, and linear equations
Analyze and Solve Linear Equations	Claim 1, Target D: Analyze and solve linear equations and pairs of simultaneous linear equations
Expressions & Equations II	Claim 1, Target D: Analyze and solve linear equations and pairs of simultaneous linear equations Claim 1, Target J: Investigate patterns of association in bivariate data
Functions	Claim 1, Target E: Define, evaluate, and compare functions Claim 1, Target F: Use functions to model relationships between quantities
Congruence and Similarity	Claim 1, Target G: Understand congruence and similarity using physical models, transparencies, or geometry software

¹ Includes at least one item that is hand-scored

Math: High School



Interim Comprehensive Assessments (ICAs)

Assessment Name	Targets Assessed
Grade 9 Math ICA ¹	Full range of targets
Grade 10 Math ICA ¹	Full range of targets
Grade 11 Math ICA ¹	Full range of targets



Interim Assessment Blocks (IABs)

Assessment Name	Targets Assessed
Algebra and Functions I—Linear Functions, Equations, and Inequalities	Claim 1, Targets G, I, J, L, M, N
Algebra and Functions II—Quadratic Functions, Equations, and Inequalities	Claim 1, Targets G, I, J, L, M, N
Geometry Congruence	A range of Targets in Claims 2, 3, and 4
Geometry Measurement and Modeling	A range of Targets in Claims 2, 3, and 4
Performance Task ¹	A range of Targets in Claims 2, 3, and 4



Focused IABs

Assessment Name	Targets Assessed
Number and Quantity	Claim 1, Target A: Extend the properties of exponents to rational exponents Claim 1, Target B: Use properties of rational and irrational numbers Claim 1, Target C: Reason quantitatively and use units to solve problems
Seeing Structure in Expressions/ Polynomial Expressions	Claim 1, Target D: Interpret the structure of expressions Claim 1, Target E: Write expressions in equivalent forms to solve problems Claim 1, Target F: Perform arithmetic operations on polynomials
Equations and Reasoning	Claim 1, Target H: Understand solving equations as a process of reasoning and explain the reasoning
Solve Equations and Inequalities: Linear and Exponential	Claim 1, Target I: Solve equations and inequalities in one variable
Solve Equations and Inequalities: Quadratic	Claim 1, Target I: Solve equations and inequalities in one variable
Interpreting Functions	Claim 1, Target K: Understand the concept of a function and use function notation Claim 1, Target L: Interpret functions that arise in applications in terms of the context
Geometry and Right Triangle Trigonometry	Claim 1, Target O: Define trigonometric ratios and solve problems involving right triangles
Statistics and Probability	Claim 1, Target P: Summarize, represent, and interpret data on a single count or measurement variable

¹ Includes at least one item that is hand-scored