

CONNECTICUT STATE DEPARTMENT OF EDUCATION Performance Office

The Smarter Balanced Interim Assessments

2018 Interim Webinar Series #1



Agenda

- What are the purposes of the various assessments?
- What are the Interim Assessments?
- What is assessed in mathematics and English language arts?
- How are the Interim Assessment Blocks viewed, administered, and scored?
- Questions
- Resources





What are Purposes of the Various Assessments?



Summative Assessments

Efficient and reliable estimates of student's **overall performance** relative to grade appropriate subject area standards

Enable valid interpretations of student achievement and progress, but not the only one

Are **not** a tool to inform day-to-day classroom instruction

Are <u>not</u> a curriculum-based diagnostic measure of specific student strengths/weaknesses in sub-skills





Summative Aggregate Results Inform

Federal/state reporting

District/school accountability

Program evaluation at state/district/school levels

Educator evaluation and support

District/school identification for support and recognition





Interim Assessments

Periodic -given a few times a year

Measure domain-level (not overall) performance (e.g., Read Informational Text, Statistics and Probability)

Designed to help classroom **teachers evaluate student** learning

Most useful when aggregated at class/grade level





Formative Assessment Process

A process used by teachers and students during instruction

Used throughout the school year

Embedded in the learning to provide feedback

Teaching is adjusted based on feedback

Provides feedback to **students** to help them know what they need to do to **close that gap**

Non-standardized





What are Interim Assessments?



What are Interim Assessments?

Interim Assessments allow teachers to check student progress throughout the year, gaining access to information that can be used to improve instruction and help students meet the challenge of college-and career-ready standards.





Smarter Balanced Interim Assessments

Comprised of items from the Smarter Balanced item pool

Administered on a **computer** using the same test delivery software as the summative assessments

Include a **range** of assessment targets, item types, and item difficulty

Consist of **fixed forms** and is not adaptive

Require some **hand scoring** of constructed-response items

Allow for **flexibility** in administration





Interim Assessments provide **students** with an opportunity to:

Practice a subset of focused skills

Become familiar with the online test platform

Experience a range of item types

Access a variety of universal tools





Interim Assessments provide **teachers** with important information to:

Select a specific assessment block from a menu of assessments that **support skills taught** in the classroom

Identify strengths, weaknesses, and trends among a group of test takers

Identify strengths, weaknesses, and growth at the individual student level

Determine **next steps for instruction**, intervention, and/or enrichment





Two Types of Smarter Balanced Interim Assessments





Interim Comprehensive Assessment (ICA) Interim Assessment Blocks (IAB)





Interim Comprehensive Assessments (ICAs)

Use the **same design** and test blueprint as the Smarter Balanced Summative assessments

Include one per grade level and content area

Both computer scored items and Performance Tasks must completed and all constructed response items must be scored in order to receive an overall scale score and performance level

Are the equivalent of administering the full summative assessment





Interim Assessment Blocks (IABs)

IABs are **shorter**, more **focused** assessments grouped by similar content

There are between 4 and 9 IABs per grade and content area

Can be used throughout the year as skills are introduced

Reinforce instructional **skills** in mathematics and English Language Arts





Looking More Closely at Mathematics





What are the Mathematics Claims?

A **Claim** is a summary statement about the knowledge and skills students are expected to demonstrate on the assessment related to a particular aspect of the CT Core Standards for mathematics.

Claim #1 - Concepts and Procedures

Claim #2 - Problem Solving

Claim #3 - Communicating Reasoning

Claim #4 - Modeling and Data Analysis





What is a Target?

- Each Claim is accompanied by a set of assessment targets that provide more detail about the range of content and Depth of Knowledge levels being assessed.
- For Claim 1, the assessment targets are drawn from the grade-level cluster headings from the CT Core Standards for mathematics.
- For Claims 2, 3, and 4, the assessment targets are drawn from the CT Core Standards for Mathematical Practice. The assessment targets for Claims 2, 3, and 4 are the same across all tested grades.



Understanding the Targets

Claim 1 targets change based upon the grade level being assessed.

Grade 4 Cluster Heading Number & Operations - Fractions: Extend understanding of fraction equivalence and ordering.

Grade 4 Claim 1 Target F: Extend understanding of fraction equivalence and ordering.

Grade 8 Cluster Heading Geometry: Understand and apply the Pythagorean Theorem.

Grade 8 Claim 1 Target H: Understand and apply the Pythagorean Theorem.





Understanding the Targets

Claim 2, 3 and 4 targets do **not** change based upon the grade level being assessed.

<u>Target Language</u>

Claim 3 Target D

Use the technique of breaking an argument into cases.

Claim 4 Target E

Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon.

Math Practice Language

Math Practice 3

They are able to analyze situations by breaking them into cases and recognize and use counterexamples.

Math Practice 4

They routinely interpret their mathematical results in the context of the situation and reflect on whether the results make sense, possibly improving the model if it has not served its purpose.

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Overview of the Mathematics Interim Assessment Blocks





Smarter Balanced Interim Assessment **Blocks for Mathematics**

Grade 3	Grade 4	Grade 5
Operations and Algebraic Thinking	Operations and Algebraic Thinking	Operations and Algebraic Thinking
Number and Operations - Fractions	Number and Operations - Fractions	Number and Operations - Fractions
Measurement and Data	Measurement and Data	Measurement and Data
Number and Operations in Base Ten	Number and Operations in Base Ten	Number and Operations in Base Ten
Geometry*	Geometry	Geometry
Mathematics Performance Task	Mathematics Performance Task	Mathematics Performance Task



* IAB is new for 2017-18



Smarter Balanced Interim Assessment **Blocks for Mathematics**

Grade 6	Grade 7	Grade 8
Ratio and Proportional Relationships	Ratio and Proportional Relationships	Functions
The Number System	The Number System	The Number System*
Expressions and Equations	Expressions and Equations	Expressions and Equations 1
Geometry	Geometry	Geometry
Statistics and Probability	Statistics and Probability	Expressions and Equations II (with Prob/Stat)
Mathematics Performance Task	Mathematics Performance Task	Mathematics Performance Task



* IAB is new for 2017-18



Smarter Balanced Interim Assessment Blocks for Mathematics

High School

Algebra and Functions I - Linear Functions, Equations and Inequalities

Algebra and Functions II - Quadratic Functions, Equations, and Inequalities

Geometry and Right Triangle Trigonometry

Statistics and Probability

Seeing Structure in Expressions/Polynomial Expressions*

Geometry Congruence*

Geometry Measurement and Modeling*

Interpreting Functions*

Number and Quantity*

Mathematics Performance Task





Block Blueprints

- Each block has its own blueprint
- The blueprint identifies by claim:
 - Targets
 - DOK
 - Number of items
- For Claim 1 the content category is identified





Example IAB Blueprint Grade 7 - Expressions and Equations

Claim	Content	Targets	DOK	Number of items	Total Items in Reporting Category
 Concepts and Procedures 		C. Use properties of operations to generate equivalent expressions.	1,2	5	
	EE	D. Solve real-life and mathematical problems using numerical and algebraic expressions and equations.	1,2	7	12





Looking More Closely at English Language Arts





Smarter Balanced Interim Assessment Blocks for English Language Arts

Grades 3-7	Grade 8	High School
Read Literary Texts*	Read Literary Texts	Read Literary Texts
Read Informational	Read Informational	Read Informational
Texts	Texts	Texts*
Brief Writes	Brief Writes	Brief Writes
Revision	Edit/Revise	Revision
Language and		Language and
Vocabulary Use*		Vocabulary Use*
Editing		Editing
Listen/Interpret *	Listen/Interpret	Listen/Interpret
Research	Research	Research
Performance Task	Performance Task	Performance Task



IAB includes new items in 2017-18



ELA Interim Assessment Reading Blocks





Grade 7, Block 1

Block 1: Read Literary Texts						
	Assessment Target	DOK ⁵²		Items		Total Items
Claim			Short Passage	Short Passage	Long Passage	
	2. Central Ideas	2	0-2	0-2 ⁵³	1-2	2
	4. Reasoning & Evidence	3	0-2	0-2 ⁵³	1-2	3
	1. Key Details	1,2	0-1	0-1	0-1	3
Reading	3. Word Meaning	1,2	0-1	0-1	0-1	2
	5. Analysis within or across Texts	3,4	0-1	0-1	0-1	1
	6. Test Structures & Features	2,3	0-1	0-1	0-1	3
	7. Language Use	2,3	0-1	0-1	0-1	1
TOTAL ITEMS					15	

★ This target includes open-ended items.



Grade 4, Block 2

Block 2: Read Informational Texts						
Claim	Assessment Target	DOK ²⁵		Items		
			Short Passage	Short Passage	Long Passage	Total Items
	9. Central Ideas	2	0-2	0-226	1-2 ²⁷	2
	11. Reasoning & Evidence	3	0-2	0-2 ²⁶	1-2	2
	8. Key Details	1, 2	0-1	0-1	0-1	2
Reading	10. Word Meanings	1, 2	0-1	0-1	0-1	3
	12. Analysis within or across Texts	3, 4	0-1	0-1	0-1	1
	13. Text Structures or Text Features	2, 3	0-1	0-1	0-1	2
	14. Language Use	2, 3	0-1	0-1	0-1	2
TOTAL ITEMS				14		





ELA Interim Assessment Writing Blocks





Grade 5, Blocks 3 and 4

Block 3: Brief Writes					
Claim	A T	DOK	Iten	Total	
Ciaiiii	Assessment Target		Machine Scored	Short Text ⁴²	Items
	1a. Write Brief Texts (Narrative)	3	0	2	2
Writing	3a. Write Brief Texts (Informational)	3	0	2	2
	6a. Write Brief Texts (Opinion)	3	0	2	2
			1	TOTAL ITEMS	6

Block 4: Revision					
Claim	Assessment Torget	рок	Iten	Total	
Claim	Assessment Target		Machine Scored	Short Text	Items
Writing	1b. Revise Brief Texts (Narrative)	2	5	0	5
	3b. Revise Brief Texts (Informational)	2	5	0	5
	6b. Revise Brief Texts (Opinion)	2	5	0	5
TOTAL ITEMS				15	





Grade 5, Blocks 5 and 6

Block 5: Language and Vocabulary Use						
Claim	Claim Assessment Target		Items		Claim	
Ciaiiii	Assessment rarget	DOK	Machine Scored	Short Text	Ciaiiii	
Writing	8. Language and Vocabulary Use	1, 2	15	0	15	
		I	,	TOTAL ITEMS	15	

Block 6: Editing						
Claim	Assessment Target	DOK	Iten	Total		
Ciaiiii	Assessment Target	DOK	Machine Scored	Short Text	Items	
Writing	9. Edit	1, 2	14	0	14	
		,	7	TOTAL ITEMS	14	





ELA Interim Assessment Listening Block





Grade 6, Block 7

Block 7: Listen and Interpret						
Claim	Claim Assessment Target	рок	Iter	Claim		
Ciaiiii			Machine Scored	Short Text	Ciaiiii	
Listening	4. Listen/Interpret	1,2,3	15	0	15	
		1	1	TOTAL ITEMS	15	





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ELA Interim Assessment Research Block





Grade 3, Block 8

Block 8: Research									
Claim	Assessment Target	DOK	Iten	Total					
			Machine Scored	Short Text	Items				
Research	2. Interpret & Integrate Information	2	6	0	6				
	3. Analyze Information/Sources	2	6	0	6				
	4. Use Evidence	2	6	0	6				
TOTAL ITEMS									





Grade 3, Block 10

Block 10: Opinion Performance Task								
Claim	Assessment Target	DOK	Items		Total			
			Machine Scored	Human Scored	Items			
Writing	7. Compose Full Texts (Informational)	4	0	1	3 ²⁰			
Research	2. Interpret & Integrate Information (1)	3	1	2	3			
	3. Analyze Information/Sources (0)	4						
	4. Use Evidence (2)	3						
TOTAL ITEMS								





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Using the CT Comprehensive Assessment Portal





Accessing the CT Portal

http://ct.portal.airast.org

OR

access the Portal via the CSDE site:

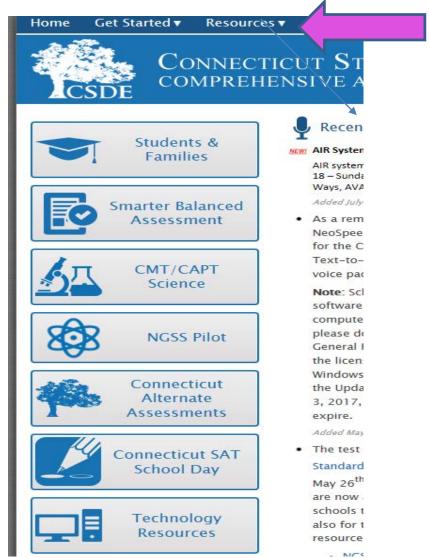
www.sde.ct.gov

- Student Assessment page
- Under the Summative Assessment Calendar is the link

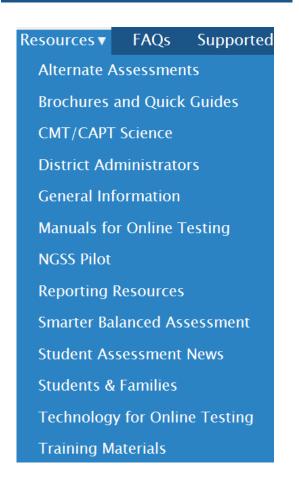




Navigating the CT Portal



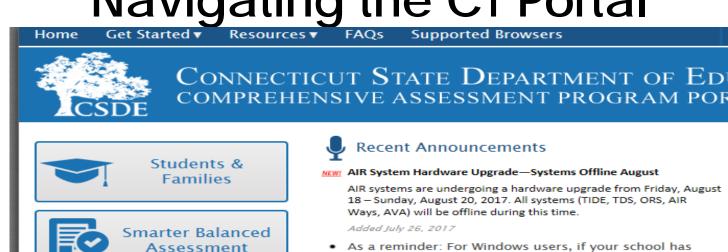
Resources v







Navigating the CT Portal





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55 Pilot



Connecticut Alternate Assessments



Connecticut SAT School Day



Technology Resources

CAPT

NeoSpeech voice packs installed on your computers used for the Connecticut Comprehensive Assessments with ext-to-Speech, you will need to renew your NeoSpeech ice pack licenses.

bte: Schools do not need to re-install the voice pack oftware, only the licenses. To ensure that your computer's voice packs continue to function as expected, please download the updated licenses in TIDE under General Resources > Download Voice Pack and transfer the licenses to the appropriate license folders on Windows machines following the instructions available in the Updating the NeoSpeech Licenses document. On May 3. 2017, the current license for the Julie voice packs will expire.

Added May 2, 2017

- · The test window for the Next Generation Science Standards (NGSS) Assessment Pilot is from May 1st to Mav 26th. For participating districts, several resources are now available. These resources are appropriate for schools that were randomly selected for the pilot and also for those that volunteered to participate. These resources include:
 - . NCSS Sample Items are available at the elementary

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Systems that Support the Interim **Assessments**

Use AVA and the teacher handscoring materials in TIDE to decide which IAB to administer.



Administer the IAB to students using the TA Interface and the Secure Browser.



Use the THSS to score constructed -response items using materials in TIDE.



View high-level reports in ORS. View detailed, item-level reports in AIR Ways.











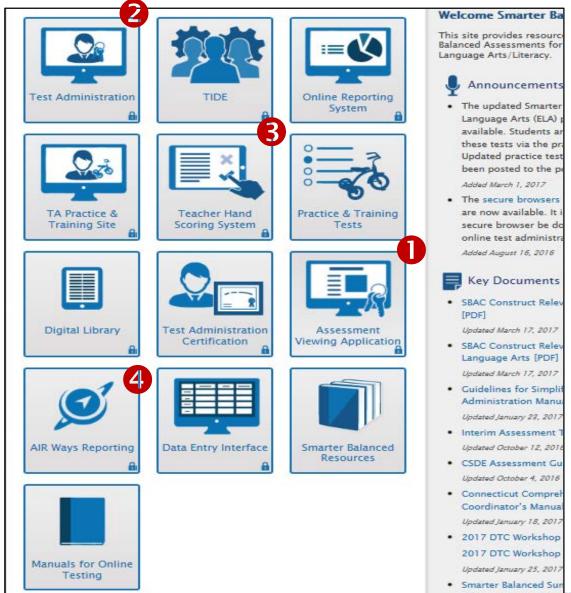








Navigating the CT Portal







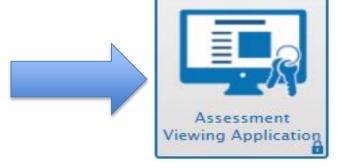
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Viewing the Interim Assessments



CT Assessment Portal









Using the Assessment Viewing Application (AVA)

- to preview IABs before administering
- as an instructional support, to access stimuli, stems, or item responses:
 - incorporate a Think-Aloud activity
 - teach, model, or measure an additional skill or strategy
 - display an IAB in a classroom after students have completed the test.
 Facilitate a discussion about the items and solutions





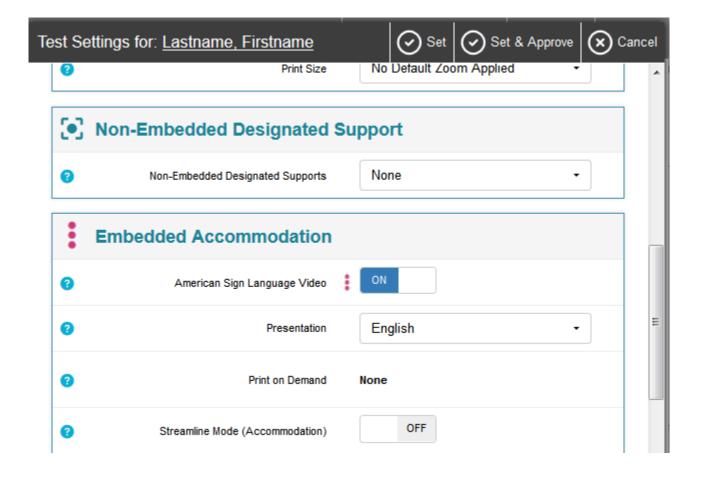
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How are Interim Assessments Administered?





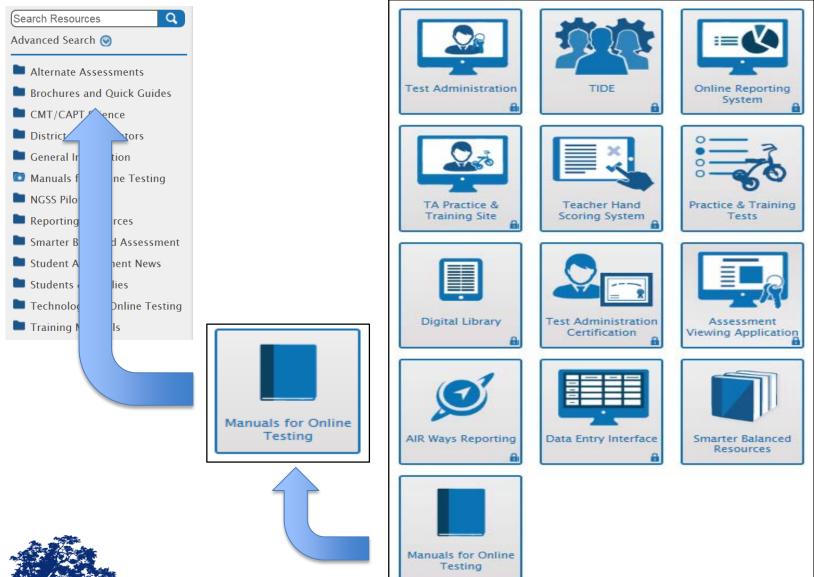
Setting Designated Supports and Test Supports/Accommodations







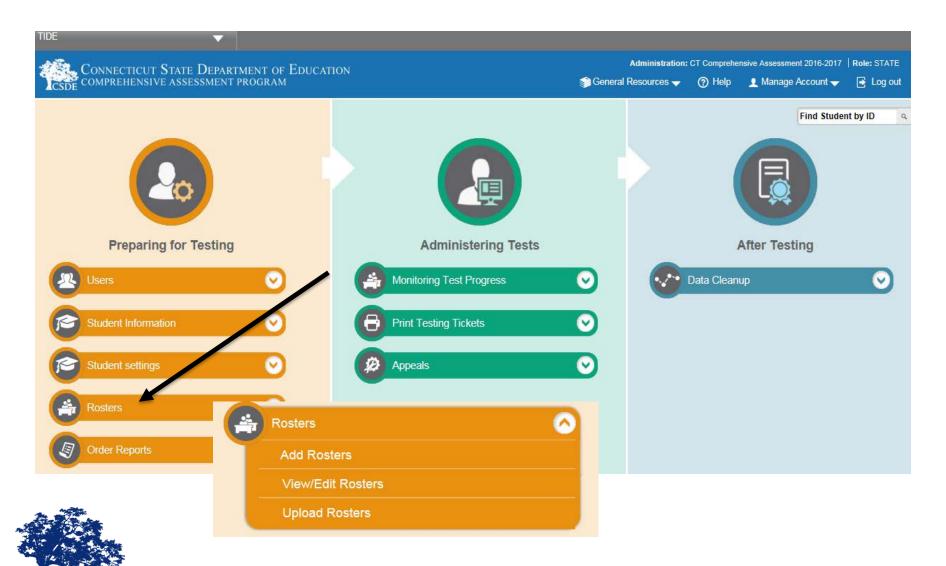
How to Prepare a Roster?







Prepare a Roster





Download the 2017-18 Secure Browser

- The Windows and Mac OSX secure browsers for the 2017—2018 school year is now available on the CT Comprehensive Assessment Program Portal.
- This new version of the secure browser is required for all 2017-2018 online test administrations.





Interim Test Administration

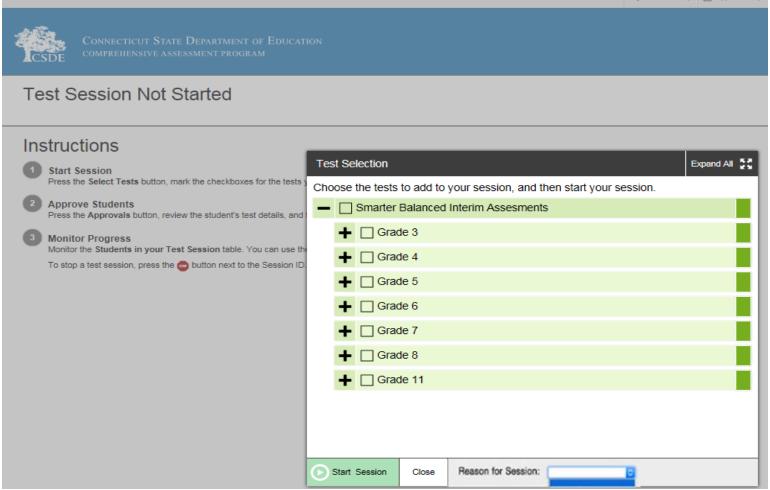








Menu of Assessments







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How are Interim Assessments Scored?



How are Interim Assessments Scored?

Interim Assessment blocks containing **only** multiple-choice type items are machine scored and results will be available through AIR Ways.

Interim Assessment blocks containing **open-ended** items must be scored by trained teachers using the Teacher Hand Scoring System (THSS). Once scores are assigned and submitted, results will be available through AIR Ways.





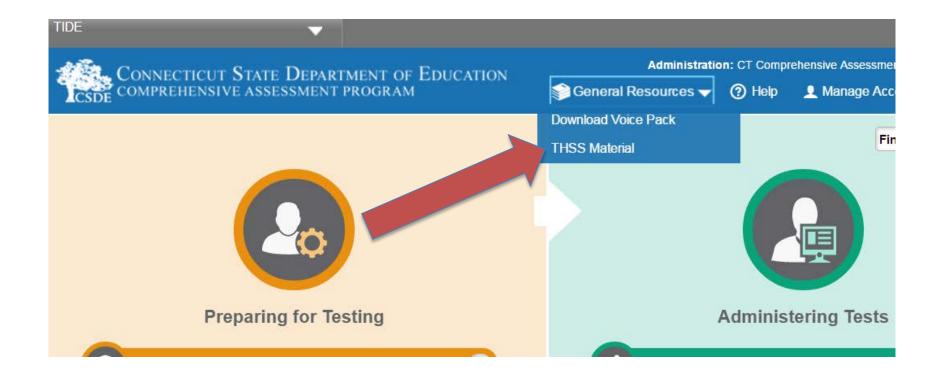
Hand Scoring

- Hand scoring of the interim assessments is a local responsibility.
- Educators will use the same scoring rules as the summative assessment.
- Training is essential to provide optimal levels of reliability and validity when interpreting test results.
- Smarter Balanced Interim Assessment Hand Scoring material, including rubrics, Exemplar Sets, and Training Guides are available on <u>TIDE</u>.





Using TIDE to Access Hand Scoring Material







Using TIDE to Access Hand Scoring Material

The following links are for downloading THSS materials:

ELA_Interim_Assessments_Scoring_Materials_Item_IDs_Crosswalk.pdf

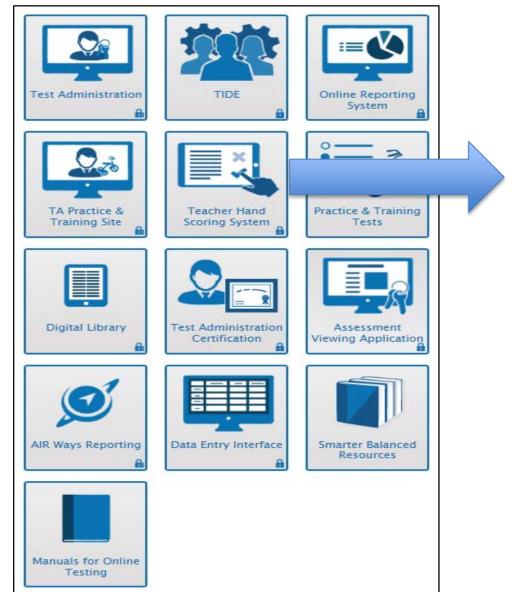
Math_Interim_Assessments_Scoring_Materials_Item_IDs_Crossympodf

Interim_Assessment_Training_Guides_and_Exemplars.zip

Close





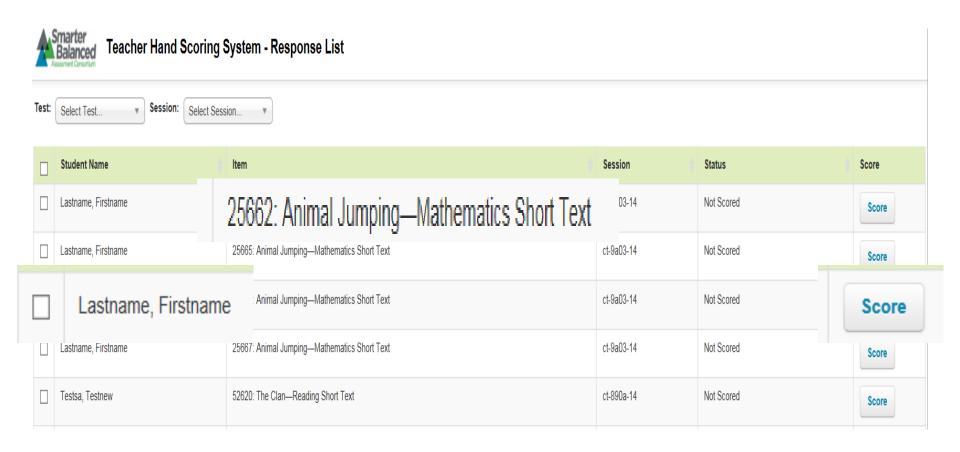






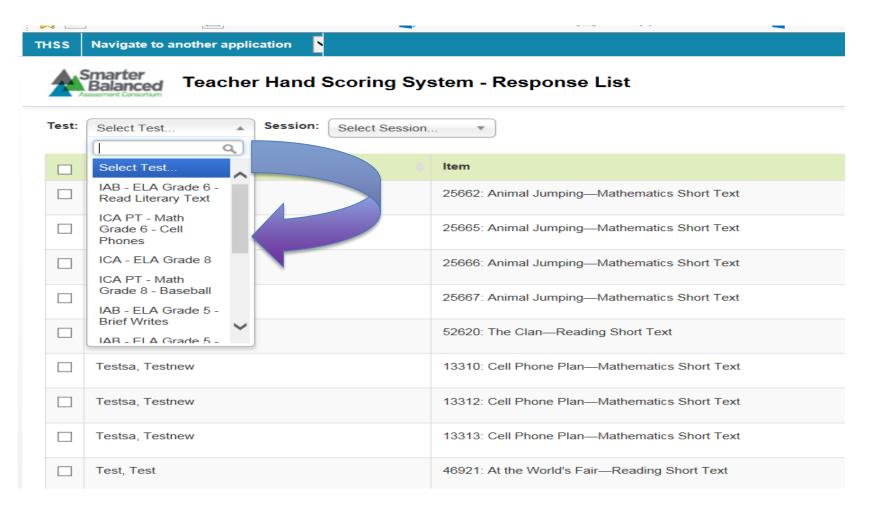


Inside the THSS





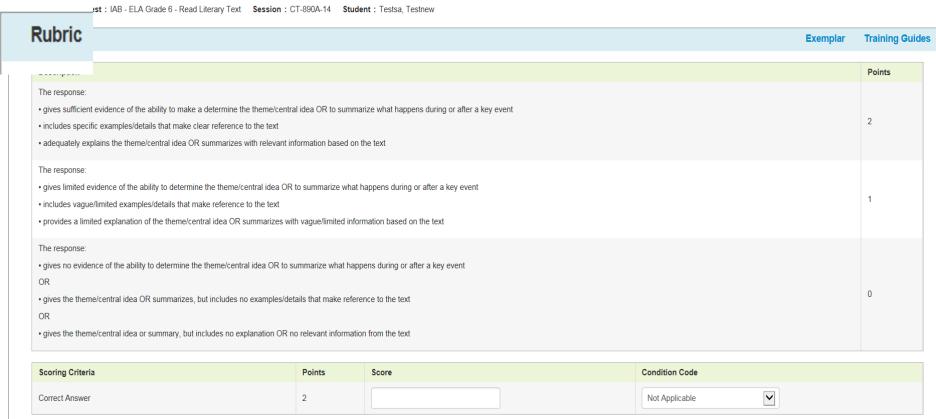








Item 52620: The Clan—Reading Short Text







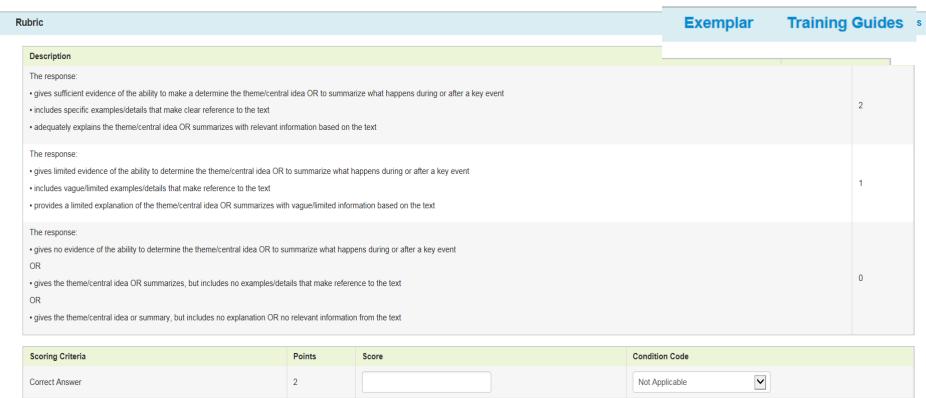






Item 52620: The Clan—Reading Short Text

Status: Not Scored Test: IAB - ELA Grade 6 - Read Literary Text Session: CT-890A-14 Student: Testsa, Testnew







THSS Materials

ELA/Literacy Training Guide Grade 6

Item 52620 Claim 1 • Target 2 • Central Ideas

Student constructed-response items from the Smarter Balanced Interim Assessments are hand scored by local educators. This training guide and the exemplar set are to be used for training prior to scoring ELA student responses. While these materials may be downloaded and printed, they should be used only for classroom, building- or district-level training. These materials should not be posted or distributed to teachers or others not involved in training or scoring the interim assessments.

Training Guide

The Training Guide for reading items contains a stimulus, item stem, target-specific rubric, condition code document, and target chart.

Directions for Using the Teacher Hand Scoring Materials for Claim 1 Reading Items

- 1. Start by reading the stimulus and the accompanying item stem.
- 2. Examine the target-specific rubric for each score point.
- 3. Read through the condition code document to better understand how to score unusual responses.

Having completed these steps, you are now ready to train on examples of student responses.

A target chart is provided to support the understanding of all targets in Claim 1.

Exemplar

A document containing an anchor set, a check set, and the key for scoring the check set is located in the Exemplar tab.

The anchor set is provided to help the scorer understand how the rubric and scored papers align.

The anchor set contains examples of student responses and, when available, scoring comments.
 Responses are ordered high-to-low for score points 2, 1, and 0.

The check set contains randomly ordered example student responses without scores or scoring comments.

- The check set is an opportunity for the scorer to practice accurate scoring.
- The score points and scoring comments for the check set can be found in the key.

Each set contains approximately 10 examples of student responses.

Each student response includes a metadata table indicating the claim, target, and other item-specific information.

Examples of student responses are authentic (original spelling, grammar, and punctuation).

By viewing the Training Guide and practicing using both the exemplars and check sets, educators are ready to begin scoring assigned student responses.

Training Guide Glossary

Stimulus: a literary fiction or non-fiction passage(s)

Item Stem: a target-focused statement or question prompting students to respond

Exemplars: 52620 Grade 6

This packet provides student examples. For the stimulus, rubrics and instructions on how to hand score, please access the Training Guide.

Exemplars

Title: The Clan

Item ID: 52620

These scoring materials are to be used for teacher training prior to scoring ELA student responses from the Smarter Balanced Interim Assessments. While these materials may be downloaded and printed, they should be used only for classroom, building- or district-level training. These materials should not be posted or distributed to teachers or others not involved in training or scoring the interim assessments.



Machine Scored ELA Performance Task Full-Write

Figure 9. Machine-Scored Responses







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Considerations



Before Interim Assessments are administered...

Educators should have clarity regarding the **purpose** of the assessment and the **uses** of the assessment data before committing to the use of the assessments.





And...

Although the items are **not released to the public**, the interim assessment items are **not secure**.





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Resources



User Guides Available on the Connecticut Comprehensive Assessment Program Portal

- For information about student and user management, rosters, and appeals, see the <u>TIDE User Guide</u>.
- For information about administering online tests, see the Test Administrator User Guide.
- For information about hand-scoring questions, see the <u>Teacher Hand Scoring System User Guide</u>.
- For information about network, internet, and software requirements, see the <u>Technical Specifications Manual</u> <u>for Online Testing</u>.

Learn More - CSDE Information

- Connecticut State Department of Education Comprehensive Assessment Program Portal http://ct.portal.airast.org
- Student Assessment Newsletter <u>www.sde.ct.gov/sde/cwp/view.asp?a=2748&q=33</u> <u>5452</u>
- Student Assessment Web page <u>www.ct.gov/sde/Student Assessment</u>





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Thank you for your participation!

