



Delaware System of Student Assessments
(DeSSA)

Smarter Assessment Updates

**District Test Coordinator Meeting
December 17, 2014**

Topics

- Digital Library updates
- Classroom activities and performance tasks information

Digital Library Updates

- User account passwords reset November 4, 2014
- User account training provided for District Test Coordinators (DTCs) and District Information Security Officers (ISOs)
 - Password/account questions directed to DTCs and ISOs

Lisa Alexander – lisa.alexander@doe.k12.de.us – available for further assistance

Classroom Activity Update

- Classroom Activities will be available for access on the DeSSA portal
- Link will be available in February

Assignment of Performance Tasks

- Performance tasks will be administered to all students in grades 3 through 8 and 11, in Mathematics and ELA/Literacy
- Structure
 - Several topics per grade/subject
 - Topic = theme = classroom activity
 - Each topic has several performance tasks
 - Fixed forms
 - One accommodated performance task per topic

Assignment of Performance Tasks

- TIDE will assign a **topic** to each **school**
 - Every student in a particular grade in a particular school will receive performance tasks on the same topic
- TDS will assign the **performance tasks** to **students** using a random selection method

Assignment of Performance Tasks

- How will a school know which topic was assigned to it?
 - In-box feature in Online Reporting System (ORS) and/or portal
- What if a student changes schools?
 - Depends upon the timing of change
 - If a student has already started the performance task in school X and moves to school Y prior to task completion, he or she will continue the performance task that was originally assigned to him/her in school X
 - If a student has not started the performance task in school X prior to moving to school Y, he or she will be assigned a new performance task based on the topic assigned to the new school

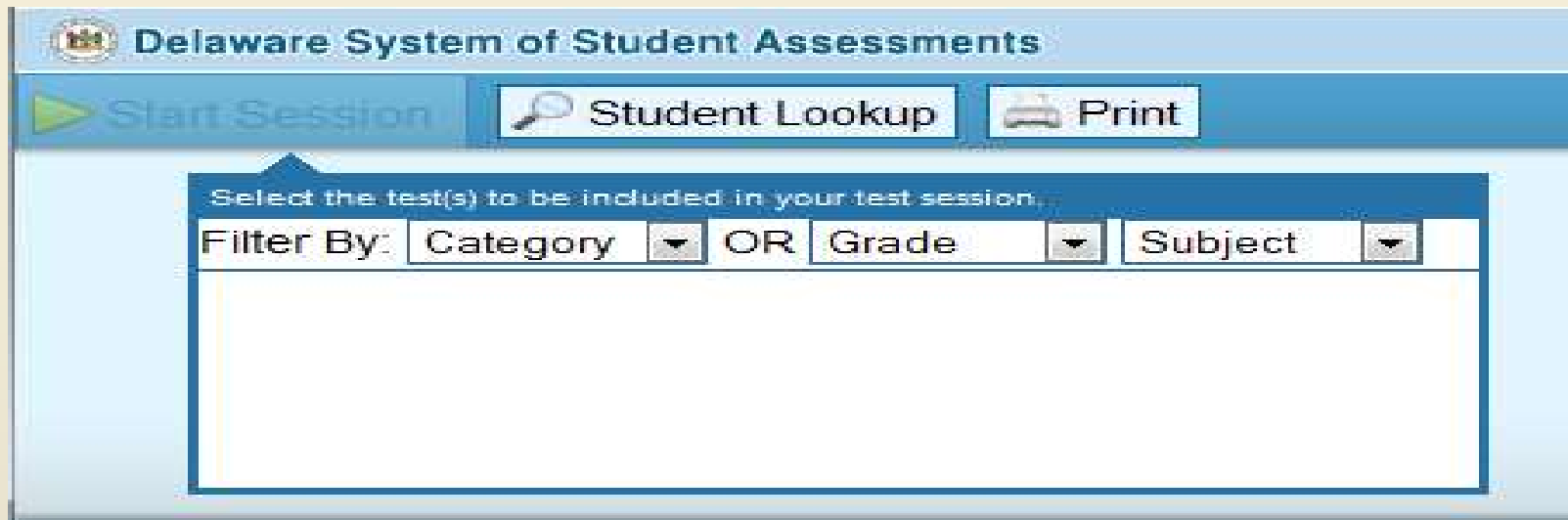
Accommodations/Supports

➤ Accommodated forms

- One accommodated performance task per topic
- Most accommodations must be set up in advance in TIDE
- The following accommodations can be set up in the TA Interface at the time of testing:
 - Second language glossary
 - Braille
 - American Sign Language (ASL)
 - Spanish translation

Performance Task Update

- TA will access the Performance Task by category (topic)
- Smarter Performance Task Category examples:
 - Smarter Summative g3-5 ELA Performance Task
 - Smarter Summative g6-11 Math Performance Task
 - Smarter Interim Comprehensive Performance Task



The screenshot displays the Delaware System of Student Assessments (DeSSA) interface. At the top, there is a navigation bar with a "Start Session" button, a "Student Lookup" button with a magnifying glass icon, and a "Print" button with a printer icon. Below this, a dialog box titled "Select the test(s) to be included in your test session." is open. The dialog box contains a "Filter By:" section with three dropdown menus: "Category", "Grade", and "Subject", separated by an "OR" label. The "Category" dropdown is currently selected. Below the filter section is a large empty rectangular area for displaying the results of the filter.



Delaware System of Student Assessments
(DeSSA)

Hand Scoring Interim Assessments

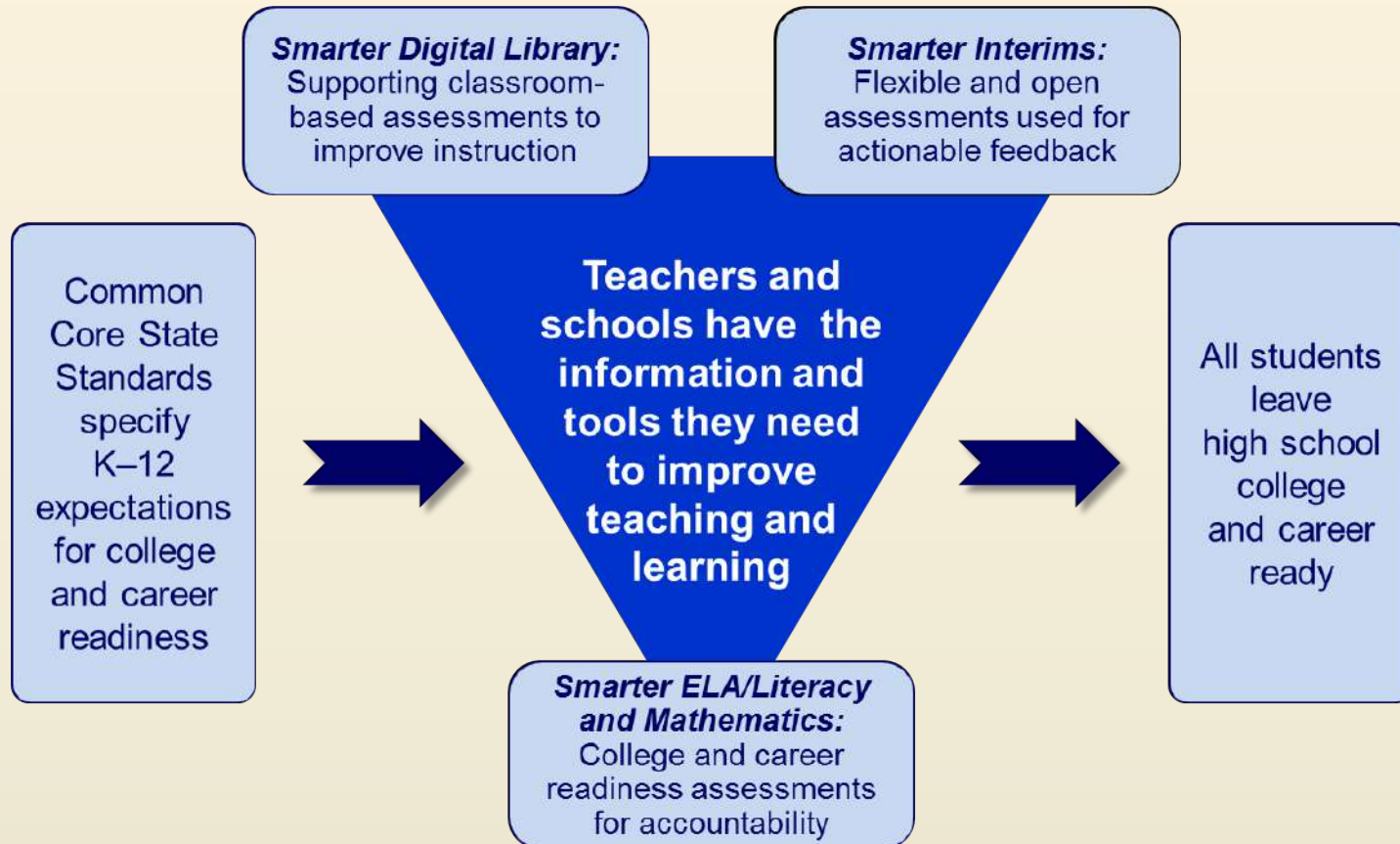
December 17, 2014

***Office of Assessment
Department of Education***

Topics

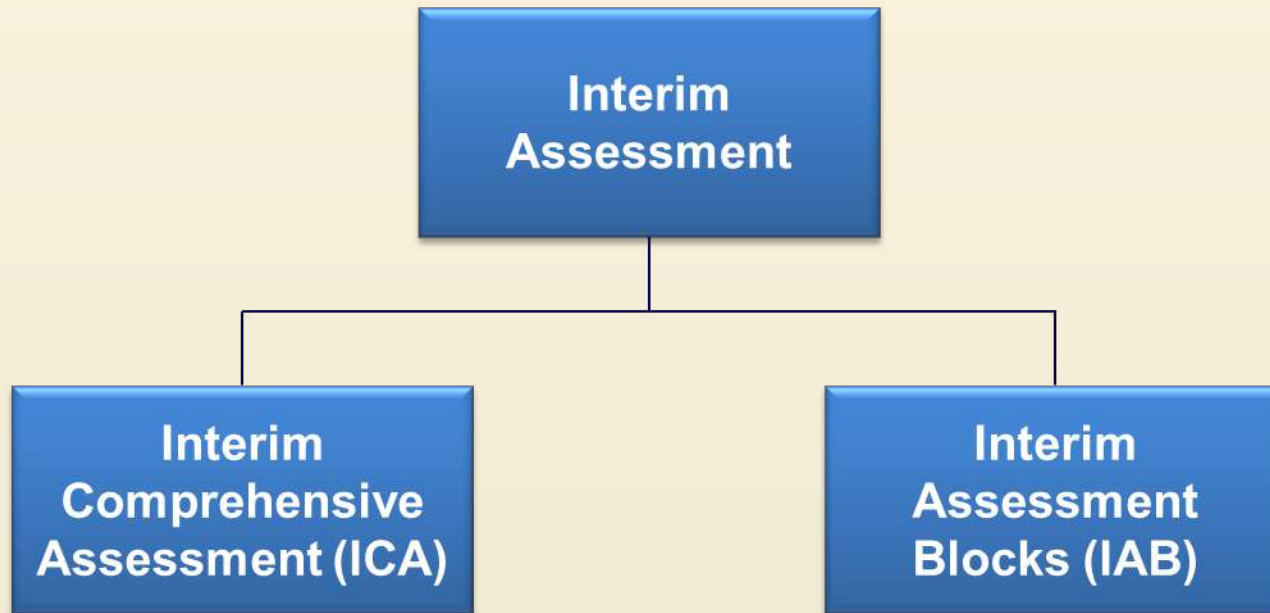
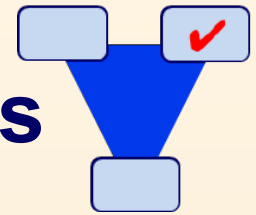
- Interim background
- Interim Comprehensive Assessment (ICA) and Interim Assessment Block (IAB) information
- IAB availability updates
- Hand scoring overview

A Balanced Assessment System



All three are available and funded by DOE

Interim Assessment Components



Will be available during the winter of 2014–2015 with a gradual rollout as the item pool supports

Interim Assessment

Interim Items

- Same as summative items
 - Items developed together based on CCSS
 - Universal Design principles used
 - Same accessibility resources incorporated
 - Evidence to support claims in mathematics and English language arts/literacy provided

- Different from summative items
 - Constructed response items will be scored locally
 - Separate open, non-secure pool

Two Types of Tests

- Interim Comprehensive Assessments (ICAs)
 - Use same blueprint as summative tests
 - Assess same claims and standards
 - Same components and item types
 - Yield overall scale scores, performance level designation and claim score information
 - In Delaware, ICAs can be administered up to twice a year
- Interim Assessment Blocks (IABs)
 - Assess smaller sets of targets
 - Address specific content areas
 - Provide more flexibility
 - Report as “Below Standard,” “At/Near Standard,” and “Above Standard”
 - Unlimited administration during the year

Interim Assessment Administration Characteristics

- Grade flexibility
 - Available for students in grades 3 through high school
 - Interims from any grade can be used, depending on purpose
- ICAs and IABs can be administered multiple times during the year
 - Tests draw from same interim pool
 - Students may see some items more than once
 - Decisions about test choice and frequency determined by local choice

Initial Interim Assessments

- ICAs will be offered in both ELA and Mathematics (Jan. 2015)
- Initial IABs available (Jan. 2015)
 - Dependent upon item availability in the interim pool
 - Additional items will be field tested in 2014-15, expanding the interim pool
 - Blocks with an asterisk are not available for the 2014-15 school year
- Fully accessible
- Fixed form online, to become adaptive as item pool allow

English Language Arts IABs

Grade 3-5

Read Literary Texts

Read Informational Texts

Edit/Revise

Brief Writes

Listen/Interpret

Research

Narrative Performance Task * Gr4-5 only in 2014-15

Informational Performance Task * N/A in 14-15

Opinion Performance Task * Gr3 only in 2014-15

English Language Arts IABs

Grade 6-8

Read Literary Texts

Read Informational Texts

Edit/Revise

Brief Writes

Listen/Interpret

Research

Narrative Performance Task*

Explanatory Performance Task*

Argument Performance Task

* Not available in 2014-15

English Language Arts IABs

High School

Read Literary Texts

Read Informational Texts

Edit/Revise

Brief Writes

Listen/Interpret

Research

Explanatory Performance Task*

Argument Performance Task

* Not available in 2014-15

Mathematics IABs

IAB Name	Grade		
	3	4	5
Operations and Algebraic Thinking	✓	✓	✓
Numbers and Operations in Base 10	*	✓	✓
Fractions	✓	✓	✓
Geometry		*	*
Measurement and Data	✓	*	*
Mathematics Performance Task	✓	✓	✓

* Not available in 2014-15

Mathematics IABs

IAB Name	Grade	
	6	7
Ratio and Proportional Relationships	✓	✓
Number System	✓	✓
Expressions and Equations	✓	✓
Geometry	✓	*
Statistics and Probability	*	*
Mathematics Performance Task	✓	✓

* Not available in 2014-15

Mathematics IABs

Grade 8

Expressions & Equations I (and Proportionality)*

Expressions & Equations II*

Functions

Geometry

Mathematics Performance Task

* Available as a single Expressions & Equations Block in 2014-2015

Mathematics High School IABs

Algebra and Functions - Linear Functions

Algebra and Functions - Quadratic Functions

Algebra and Functions - Exponential Functions*

Algebra and Functions - Polynomials Functions*

Algebra and Functions - Radicals Functions*

Algebra and Functions - Rational Functions*

Algebra and Functions - Trigonometric Functions*

Geometry - Transformations in Geometry*

Geometry - Right Triangle Ratios in Geometry

Geometry - Three - Dimensional Geometry*

Geometry – Proofs*

Geometry – Circles*

Geometry – Applications*

Interpreting Categorical and Quantitative Data*

Probability*

Making Inferences and Justifying Conclusions*

Mathematics Performance Task

* Not available in
2014-15

Interim Assessment Scoring

- Scoring of non-machine scored items is a local responsibility
 - ICAs and some IABs have items that are not machine-scored
 - Teacher Hand Scoring System will be provided to enter scores
- Scoring of tests
 - Same scoring rules as summative tests

Interim Assessment Hand-Scoring Plan Overview

➤ Focuses on

- Training
 - Effective administration
 - Scoring
 - Instructional usage
- Professional development and resources

Three Phase Approach

➤ **PHASE I – PRE-HAND SCORING (DECEMBER)**

- Focuses on developing background knowledge and preparing for the administration of the Smarter Interim Assessments to be released in January

➤ **PHASE II – HAND-SCORING TRAINING (JANUARY)**

- Focuses on the hand-scoring process to promote integrity, validity, and reliability of scoring and alignment with summative scoring

➤ **PHASE III – POST-HAND SCORING (JANUARY–SUMMER)**

- Focuses on the entry, interpretation, and usage of scores while planning forward to enhance the process.

Further Information

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E-mail any additional questions or comments



Delaware System of Student Assessments
(DeSSA)

*Smarter Summative and
Interim Comprehensive Assessment
Online Reporting System*

**Office of Assessment
December 2014**

Topics

- Online Reporting System updates for Summative and ICA
- Overview and use of Smarter assessment score reporting

Online Reporting System (ORS)

- Available via the DeSSA Portal
- Application provides two components
 - Score Reporting
 - Test Management Center

Scores Reported

- Two overall scale scores will be reported on the vertical scale
 - English language arts/Literacy for both computerized adaptive tests (CAT) and performance tasks (PT) components
 - Mathematics for both computerized adaptive tests (CAT) and performance tasks (PT) components
- Error bands of the overall scores
- Achievement level will be reported
 - Level 1 to Level 4
- Claim scores

Claim Scores

- Student performance will be reported for each claim
- English language arts/Literacy
 - Reading
 - Writing
 - Listening
 - Research
- Mathematics
 - Concepts and Procedures
 - Problem Solving and Modeling and Data Analysis
 - Communicating Reasoning

Claim Scores

- Claim scores are reported in three descriptive categories
 - Below Standard
 - At/Near Standard
 - Above Standard
- Claim scores are derived from
 - student performance on items/questions under each claim
 - an estimate of the possible score (theta) for the claim
 - an estimated score in the reporting category based on pre-determination criteria

Interim Assessments

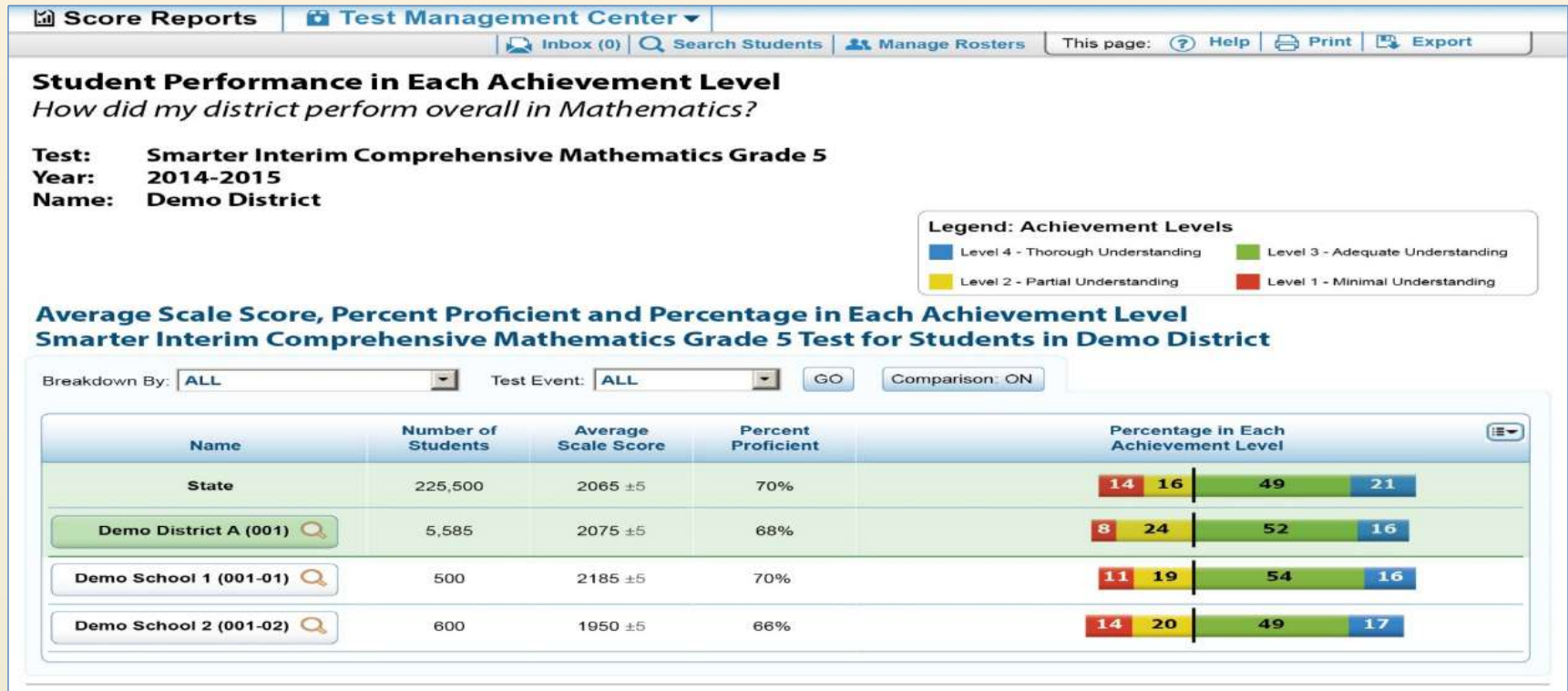
- Test administrations vary
 - Purpose and intended use of test scores
 - Test time/scheduling
 - Repeated testing
 - Scoring procedures
 - Non-standardized testing conditions

- Cautions and limitations in the use of test scores
 - No state level summary
 - No district and school levels summaries
 - Limited comparability of test results across schools and districts
 - Cautions in using Interim assessment scores to compare with and/or predict summative assessment scores

Summative Reporting

- Test scores on Smarter summative assessments will not be available until test is completed
 - Each assessment includes computerized adaptive tests (CAT) and performance tasks (PT) components
 - Each component has different types of items – selected response and constructed response (CR) items
 - CR items on the Smarter Summative Assessments will be scored by scoring agency at the state level
 - Overall score and claim scores can be generated when all items are scored
 - Based on overall scale score, student achievement level is determined

Online Reporting System (ORS) Mathematics ICA Achievement Level



Accessing lower level information in ORS system by use of magnifying glass to drill down

Online Reporting System (ORS)

Mathematics ICA Claim Level

Score Reports | **Test Management Center** | [Inbox \(0\)](#) | [Search Students](#) | [Manage Rosters](#) | This page: [Help](#) | [Print](#) | [Export](#)

District Performance for Each Claims

What are my district's strengths and weaknesses in Mathematics?

Test: Smarter Interim Comprehensive Mathematics Grade 5
Year: 2014-2015
Name: Demo District

Legend: Claims Performance Category

% Below Standard
 % At/Near Standard
 % Above Standard

Average Scale Score, Percent Proficient and Percentage in Each Claims Performance Level

Smarter Interim Comprehensive Mathematics Grade 5 Test for Students in Demo District

Breakdown By: Test Event: Comparison:

Name	Number of Students	Average Scale Score	Percent Proficient	Claims	Percentage in Each Claims Performance Level
State	225,500	2065 ±5	70%	Mathematics Concepts & Procedures Problem Solving and Modeling & Data Analysis Communicating Reasoning	14 16 70 12 18 70 16 14 70
Demo District (001)	5,585	2075 ±5	68%	Mathematics Concepts & Procedures Problem Solving and Modeling & Data Analysis Communicating Reasoning	8 24 68 11 21 68 5 27 68
Demo School 1 (001-01)	500	2185 ±5	70%	Mathematics Concepts & Procedures Problem Solving and Modeling & Data Analysis Communicating Reasoning	11 19 70 10 20 70 12 18 70
Demo School 2 (001-02)	600	1950 ±5	66%	Mathematics Concepts & Procedures Problem Solving and Modeling & Data Analysis Communicating Reasoning	14 20 66 16 18 66 12 22 66

Online Reporting System (ORS)

Mathematics Summative Achievement Level

Score Reports | **Test Management Center** | [Inbox \(0\)](#) | [Search Students](#) | [Manage Rosters](#) | This page: [Help](#) | [Print](#) | [Export](#)

Student Performance in Each Achievement Level

How did my students perform overall in Mathematics?

Test: Smarter Summative Mathematics Grade 5
Year: 2014-2015
Name: Demo Class A

Legend: Achievement Levels

- Level 4 - Thorough Understanding
- Level 3 - Adequate Understanding
- Level 2 - Partial Understanding
- Level 1 - Minimal Understanding

Breakdown By: | Test Event:

Comparison Scores

Name	Average Scale Score
State	2065 ±5
Demo District A (001)	2075 ±5
Demo School 1 (001-01)	2185 ±5
Demo Teacher	1950 ±5
Demo Class A	2050 ±5

Scale Score and Achievement Level

Smarter Summative Mathematics Grade 5 Test for Students in Demo Class A

Name	SSID	Scale Score	Achievement Level
Student A	9999967890	2265 ±5	Level 4
Student B	9999978901	1962 ±5	Level 3
Student C	9999989012	1825 ±5	Level 3
Student D	9999990123	2159 ±5	Level 4
Student E	9999901234	1658 ±5	Level 2
Student F	9999912345	1381 ±5	Level 1

A student's score is best interpreted when recognizing that the student's knowledge and skills fall within a score range and not just a precise number. For example, 230 (±10) indicates a score range between 220 and 240.

Online Reporting System (ORS)

Mathematics Summative Claim Level

Score Reports | **Test Management Center** | [Inbox \(0\)](#) | [Search Students](#) | [Manage Rosters](#) | This page: [Help](#) | [Print](#) | [Export](#)

Student Performance On Each Claim

How did my students perform on the Mathematics test?

Test: Smarter Summative Mathematics Grade 5
Year: 2014-2015
Name: Demo Class A

Legend: Claims Performance Levels

Below Standard At/Near Standard Above Standard

Breakdown By: | Test Event:

Comparison Scores

Name	Average Scale Score
State	2065 ±5
Demo District A (001)	2075 ±5
Demo School 1 (001-01)	2185 ±5
Demo Teacher	1950 ±5
Demo Class A	2050 ±5

Scale Scores, Achievement Levels and Claims Performance Levels

Smarter Summative Mathematics Grade 5 Test for Students in Demo Class

Name	SSID	Scale Score	Achievement Level	Concepts & Procedures	Problem Solving and Modeling & Data Analysis	Communicating Reasoning
Student A	9999967890	2265 ±5	Level 4			
Student B	9999978901	1962 ±5	Level 3			
Student C	9999989012	1825 ±5	Level 3			
Student D	9999990123	2159 ±5	Level 4			
Student E	9999901234	1658 ±5	Level 2			
Student F	9999912345	1381 ±5	Level 1			

A student's score is best interpreted when recognizing that the student's knowledge and skills fall within a score range and not just a precise number. For example, 230 (±10) indicates a score range between 220 and 240.

Online Reporting System (ORS) – Student Score Report for Smarter Interim Assessment

Score Reports Test Management Center

Inbox (0) Search Students Manage Rosters This page: Help Print Export

Individual Student Report

How did my student perform on the Mathematics test?

Test: Smarter Summative Mathematics Grade 5
Year: 2014-2015
Name: Doe, John A.

Legend: Claims Performance Levels
 Below Standard At/Near Standard Above Standard

Student Test Performance

Name	SSID	Scale Score	Achievement Level
Doe, John A.	056218172	2240 ±15	Level 4 - Thorough Understanding

Scale Score and Overall Performance

Comparison Scores

Name	Average Scale Score
State	2065 ±5
Demo District (001)	2075 ±5
Demo School (001-01)	2185 ±5

Student Performance on Claims

Claim	Performance	Claims Description
Concepts & Procedures		Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas a justo dolor. Sed a erat gravida, congue diam sed, fermentum orci. Vivamus facilisis nisi lacus, sed lobortis justo viverra sit amet. Vivamus dapibus pretium lectus, vitae hendrerit arcu tincidunt ac. Ut porta, ante et vulputate laoreet, sapien ante semper purus, a facilisis lacus ipsum nec tortor. Aenean lacus massa, pretium in sagittis sed, congue quis est. Maecenas lacinia tincidunt est.
Problem Solving and Modeling & Data Analysis		Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas a justo dolor. Sed a erat gravida, congue diam sed, fermentum orci. Vivamus facilisis nisi lacus, sed lobortis justo viverra sit amet. Vivamus dapibus pretium lectus, vitae hendrerit arcu tincidunt ac. Ut porta, ante et vulputate laoreet, sapien ante semper purus, a facilisis lacus ipsum nec tortor. Aenean lacus massa, pretium in sagittis sed, congue quis est. Maecenas lacinia tincidunt est.
Communicating Reasoning		Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas a justo dolor. Sed a erat gravida, congue diam sed, fermentum orci. Vivamus facilisis nisi lacus, sed lobortis justo viverra sit amet. Vivamus dapibus pretium lectus, vitae hendrerit arcu tincidunt ac. Ut porta, ante et vulputate laoreet, sapien ante semper purus, a facilisis lacus ipsum nec tortor. Aenean lacus massa, pretium in sagittis sed, congue quis est. Maecenas lacinia tincidunt est.

A student's score is best interpreted when recognizing that the student's knowledge and skills fall within a score range and not just a precise number. For example, 230 (±16) indicates a score range between 216 and 246.

The achievement levels identified:

- Level 4
- Level 3
- Level 2
- Level 1

The claims performance categories:

- Below Standard
- At/Near Standard
- Above Standard

Further Information

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