

Smarter Balanced Tools Demonstration

Using the **Reporting** Feature and **Tools for Teachers** to Inform Instruction

ALN Virtual Conference, December 8, 2021

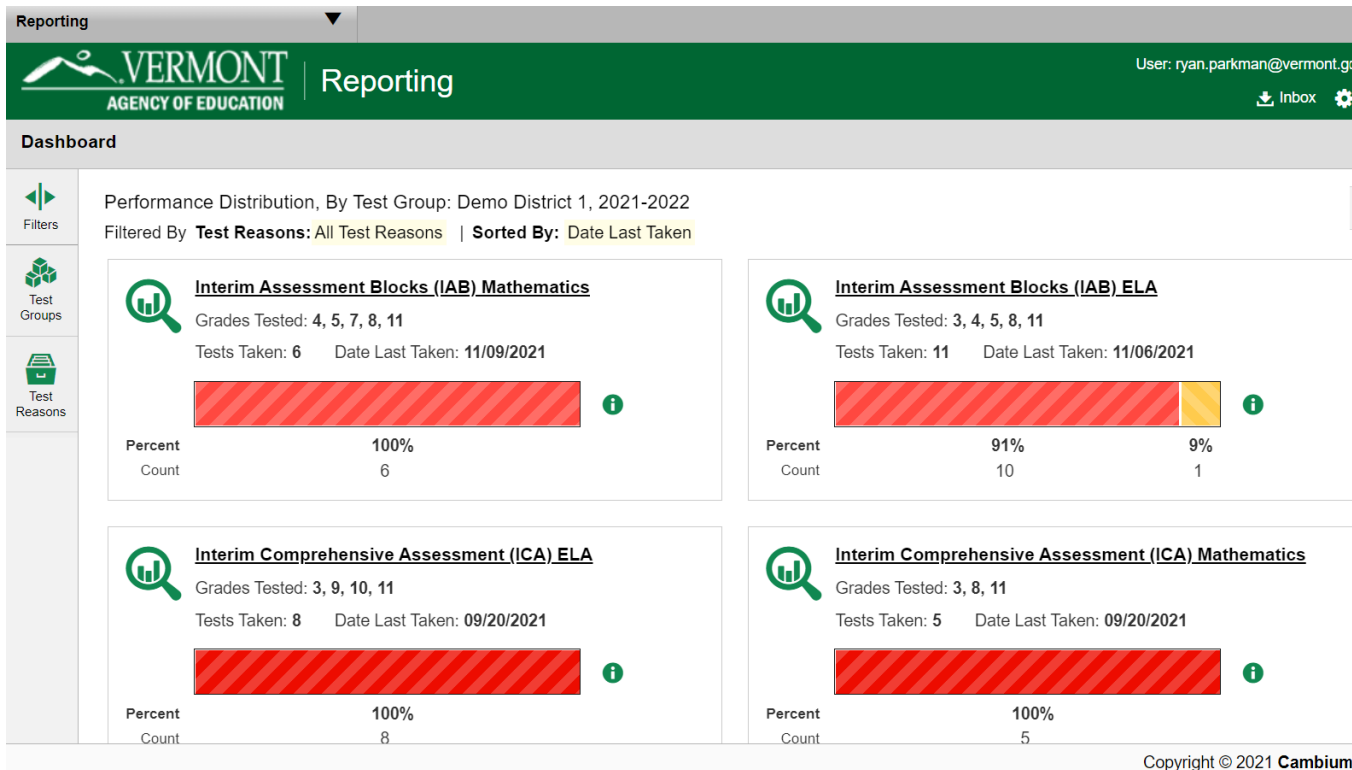
Presenter: Ryan Parkman, VT AOE Math Content Specialist

Using Data from the Reporting Feature

Learning Goal:

Understand how to use the various assessments offered by Smarter Balanced to inform instruction at the district or school level and to assist in determining appropriate intervention for individual or groups of students.

View from the Dashboard



- From the Dashboard you can select which assessments to view.
- You can also use the Test Groups icon to filter.

Interim Assessment Blocks

Reporting

[Dashboard](#) > **Performance on Tests**

Filters

Average Score and Performance Distribution, by Assessment: Demo District 1, 2021-2022

Filtered By **School:** All Schools | **Test Reasons:** All Test Reasons |

	Assessment Name	Test Group	Test Grade	Test Reason	Student Count
	Grade 5 MATH - Place Value System (FIAB)	Interim Assessment Blocks (IAB)	5	Pretest	1
	High School MATH - Number and Quantity (FIAB)	Interim Assessment Blocks (IAB)	11	Test Four	1
	High School MATH - Number and Quantity (FIAB)	Interim Assessment Blocks (IAB)	11	Spring	1
	Grade 4 MATH - Generate and Analyze Patterns (FIAB)	Interim Assessment Blocks (IAB)	4	Test One	1
	Grade 8 MATH - Performance Task - Baseball Tickets (IAB)	Interim Assessment Blocks (IAB)	8	Test Two	1

- From the Dashboard, had you selected IAB Math, you would then see a list of all IABs given in your district during the specified date range.
- Both IABs and FIABs appear on this screen, to find out what Target that is, reference the [SB Interim Assessments Overview](#).

Using Interims as Formative Assessment to Design Intervention Groupings











Reporting									
District Performance on Test > School Performance on Test > Roster Performance on Test									
Student ID	Total	5 Items on which Students Performed the Best	5 Items on which Students Performed the Worst	5 Items on which Students Performed the Worst					Total Items
				Item Numbers and Points Earned					
				<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	
				1	1	1	1	1	
				n/a	n/a	n/a	n/a	n/a	
				0	0	0	0	0	
				0	0	0	0	0	

- The Focused IABs are on a single Target and can be used as a pre-test to determine who needs intervention.
- The report lists the 5 items on which the students did best and worst with the ability to view the actual test item (circled in green).
- You can also see how individual students responded to each question.

Summative Assessments

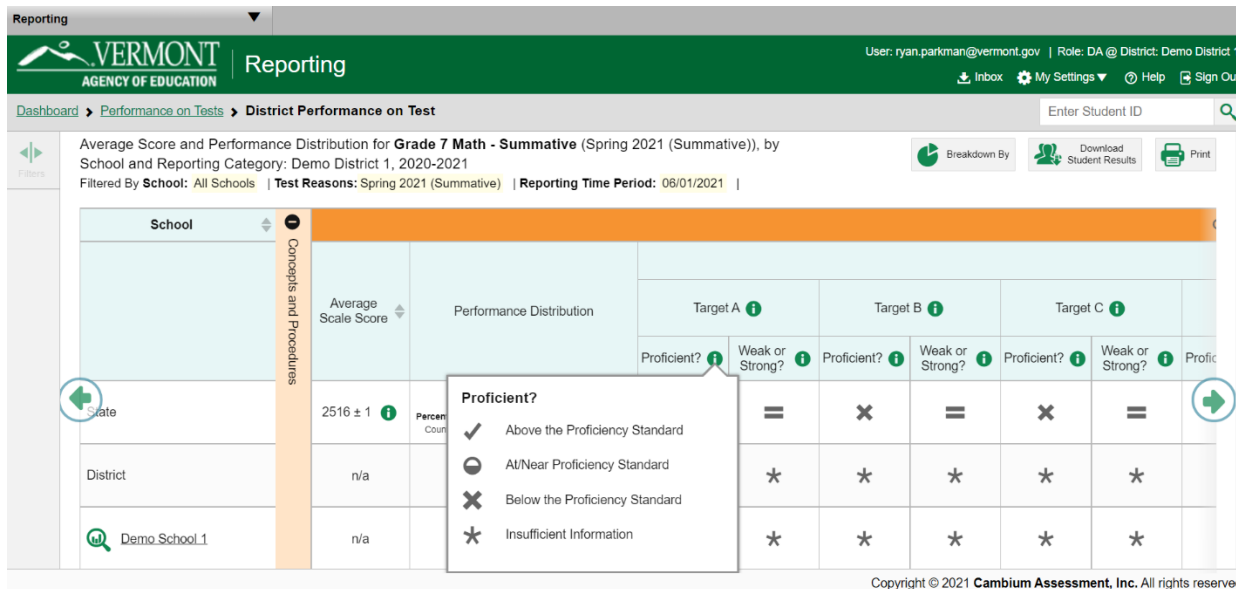
[Dashboard](#) > **Performance on Tests**

Average Score and Performance Distribution, by Assessment: Demo District 1,
 Filtered By **School:** All Schools | **Test Reasons:** All Test Reasons | **Reporting Tim**

Assessment Name	Test Group	Test Grade
  Smarter Summative Mathematics Grade 5	Summative	5
  Smarter Summative Mathematics Grade 8	Summative	8
  Smarter Summative Mathematics Grade 6	Summative	6
  Smarter Summative Mathematics Grade 3	Summative	3
  Smarter Summative Mathematics Grade 7	Summative	7

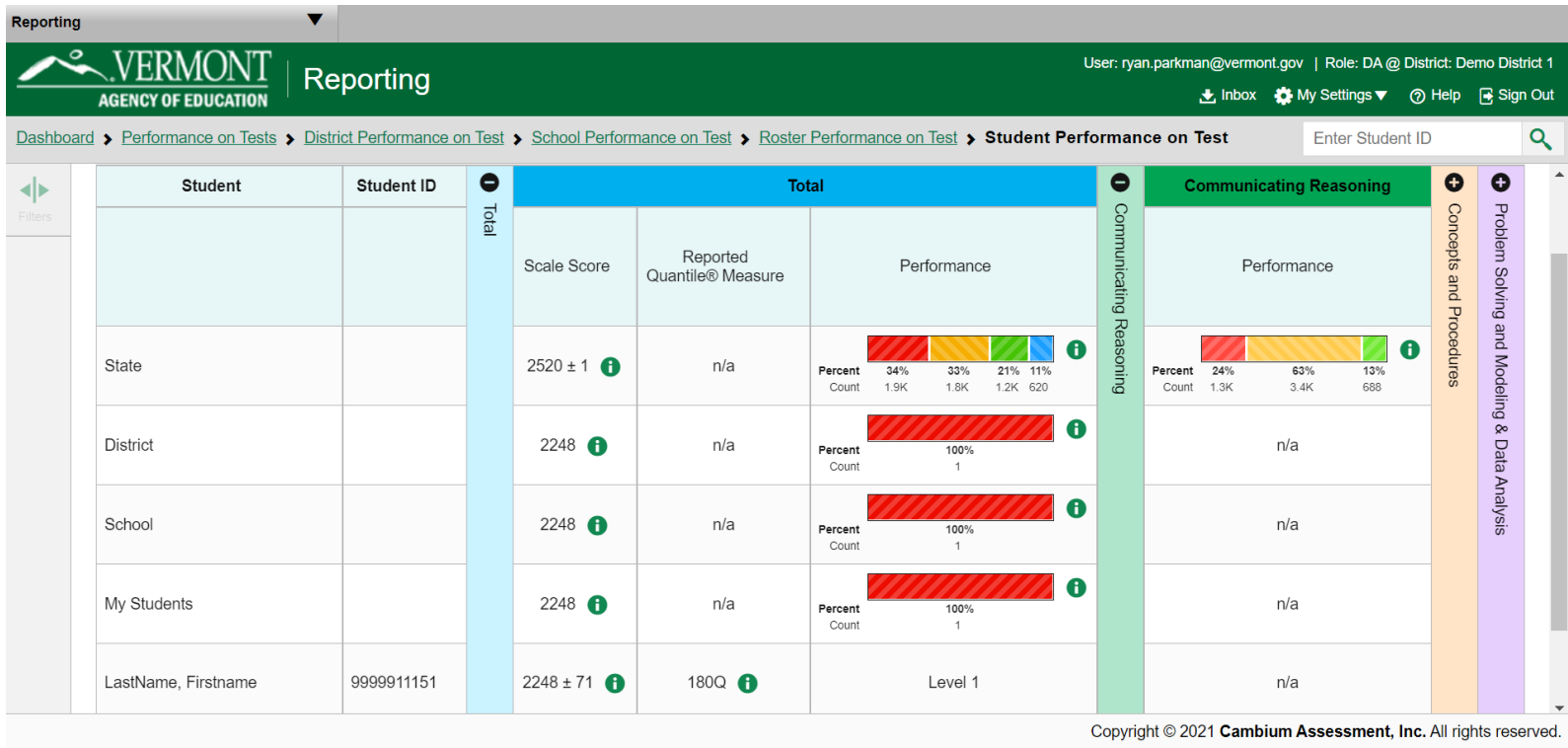
- By selecting Summative from the Dashboard, you will be brought to all Summative Assessments given in your District.
- This can also be filtered by schools.

Diving into the Data



- The summative assessment allows you to see how your students, as a group, did by individual Targets.
- Dialog boxes appear to explain the Targets, the Proficiency Levels, and areas of Strength or Weakness.
- This information is given for State, District, and School level.

Individual Student Summative Assessment Data



Individual student data from the summative assessment is limited to their Scale Score, Quantile Measure, and overall Levels on the assessment.

Individual Student Report

The screenshot shows a user interface for generating an individual student report. At the top, a dark green header bar displays the user information: "User: ryan.parkman@vermont.gov | Role: DA @ District: Demo District 1". Below this, a navigation bar contains icons for "Inbox (1)", "My Settings", "Help", and "Sign Out". A search bar labeled "Enter Student ID" with a magnifying glass icon is positioned below the navigation bar. Underneath the search bar, there are three main action buttons: "Breakdown By" (with a pie chart icon), "Download Student Results" (with a person and document icon), and "Print" (with a printer icon). At the bottom of the interface, there are three colored tabs (green, orange, and purple) with plus signs, indicating expandable sections.

To generate a PDF of an individual student report, click on the Download Student Results tab, you will need to then go to your Inbox to view the report.

Generating Student Reports

Selections Students: 1 ISRs: 1

Report Type

Individual Student Report Student Data File

Print Options

Report Format




Single PDF Multiple PDFs in a ZIP file

PDF Type




Simple Detailed

Generate **Cancel**

Secure Inbox

 Cambium Assessment **Secure File View**  View Documents  S

Inbox Archived

Show 10 entries

<input type="checkbox"/>	Name
<input type="checkbox"/>	DemoDistrict1_StudentISRs_111530636 AM.pdf Reporting
<input type="checkbox"/>	DemoDistrict1_StudentISRs_091338316 AM.pdf Reporting
	DemoDistrict1 StudentISRs 090718460

Individual Student Report PDF



Reporting

Individual Student Report

LastName, Firstname

Grade 7 Math - Summative 2020-2021

Student ID: 9999911151 | Enrolled Grade: 7 | Date Taken: 3/14/2021

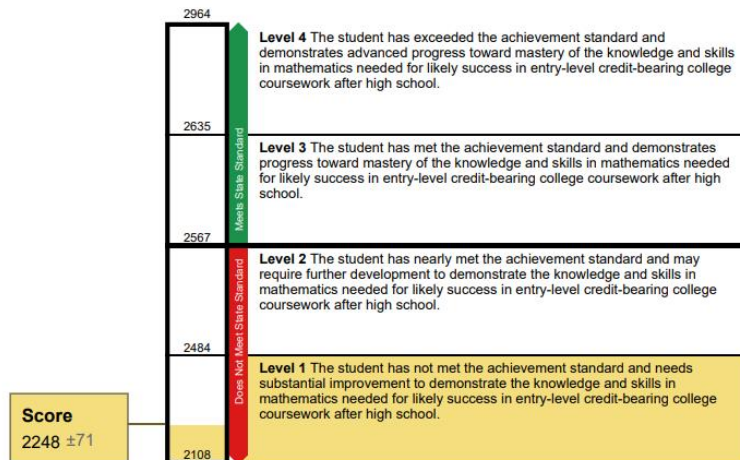
Demo District 1
Demo School 1

Scale Score: 2248±71

Reported Quantile® Measure: 180Q

Performance: Level 1

How Did Your Child Do on the Test?



How Does Your Child's Score Compare?

Name	Average Scale Score
Vermont	2520±1
Demo District 1	2248
Demo School 1	2248

Information on Standard Error of Measurement

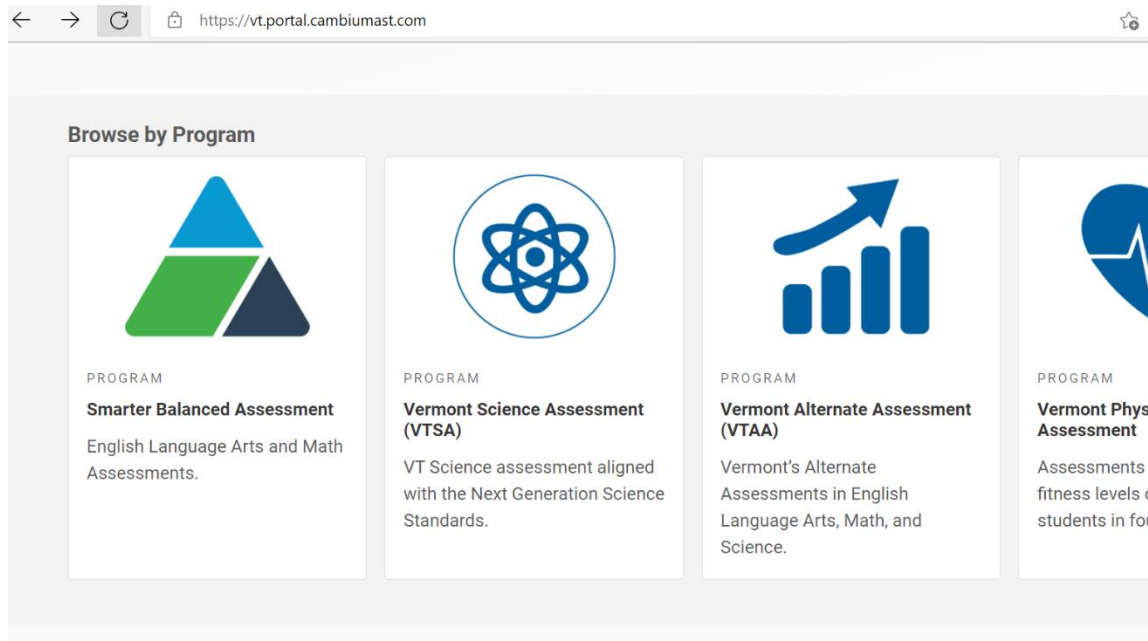
A student's score is best interpreted when recognizing that the student's knowledge and skills fall within a score range and not just a precise number. For example, 2300 (±10) indicates a score range between 2290 and 2310.

Quantile® Information

The Quantile® Framework for Mathematics is a scientific approach to measuring mathematical achievement and mathematical skills and concepts. There are two Quantile measures: the Quantile student measure and the Quantile skill and concept measure. A Quantile student measure represents a person's mathematical ability on the Quantile scale. A Quantile skill or concept measure represents that skill or concept's difficulty level on the Quantile scale. When used together, they can help a student determine his or her readiness to learn new mathematical skills and concepts.

- Here is an image of what the PDF of a Student Report looks like.
- These can be printed and/or saved for by individual student or for batches of students.

Accessing Smarter Balanced's Assessments and Data




The screenshot shows a web browser window with the URL <https://vt.portal.cambiumast.com>. Below the browser window is a section titled "Browse by Program" with four program cards:


- Smarter Balanced Assessment**
English Language Arts and Math Assessments.
- Vermont Science Assessment (VTSA)**
VT Science assessment aligned with the Next Generation Science Standards.
- Vermont Alternate Assessment (VTAA)**
Vermont's Alternate Assessments in English Language Arts, Math, and Science.
- Vermont Physical Assessment**
Assessments of fitness levels of students in four

- Navigate to the Vermont Comprehensive Assessment Program Portal. <https://vt.portal.cambiumast.com/>
- Select Smarter Balanced Assessment.

Accessing the Reports


Administering Tests


SYSTEM 



Test Administration

Create and manage operational test sessions from any web browser.


SYSTEM 




Data Entry Interface

Enter student responses for paper tests only or complete the LCI for students taking VTAA.


After Testing


SYSTEM 



Reporting

Access and download state Assessments results and view reports on student performance.

SYSTEM 



Inbox

Securely access data files exported from TIDE, or the Reporting System.

- Once you have selected Smarter Balanced Assessment, scroll down to the icon for Reporting.
- This same page is where you also go for the Test Administration Certification (located just above the set of icons shown here).
- Both areas will require you to sign in and will prompt automatically.

Secure Login

VERMONT
AGENCY OF EDUCATION

COMPREHENSIVE ASSESSMENT PROGRAM PORTAL

Login

Please Log In

Enter your username and password to log into CAI online systems. Once you log in, you will automatically be directed to your selected system.

Need More Help?

If you forgot your password or need a new password, please use the **Forgot Your Password** link to reset it.

For assistance, contact the Vermont Help Desk at 1-844-218-1184 | vthelpdesk@cambiumassessment.com

ryan.parkman@vermont.gov

.....

[Forgot Your Password?](#)

Secure Login

First Time Login This School Year?

The password you used during the previous school year has expired.

[Request a new one for this school year.](#)

- This password needs to be updated annually.
- If you have not yet updated, select on the link to request a new one for this school year.
- If you do not get this screen, talk with your school/district testing coordinator.

Change Reporting Time Period

User: ryan.parkman@vermont.gov | Role: DA @ District: Demo District

Inbox (1) My Settings Help Sign Out

Reporting Options

- Manage Test Reasons
- Use Teachers' Test Selections
- Change Reporting Time Period**
- Set Student Setting on Item View

Roster Settings

- Add Roster
- View/Edit Roster
- Upload Rosters

Interim Assessment Blocks (IAB) ELA

Grades Tested: 3, 4, 5, 8, 11
Tests Taken: 11 Date Last Taken: 11/06/2021

Percent	Count
91%	10
9%	1

- Unless you have already given Smarter Balanced assessments this school year, you will need to change the time period (circled in red).
- First select My Settings and then choose Change Reporting Time Period.

Selecting the Assessment to View

The screenshot shows the Vermont Agency of Education Reporting interface. The top navigation bar includes the Vermont Agency of Education logo, the word "Reporting", and the user name "ryan.parkman@vermont.gov". Below this is a "Dashboard" menu with "Performance on Tests" selected. A table lists various assessments with columns for Assessment Name, Test Group, Test Grade, Test Reason, Student Count, Average Score, and Performance. The "Grade 7 Math - Summative" assessment is highlighted. A pop-up window titled "Score Description" is open, showing a horizontal bar chart with four levels and their corresponding score ranges and descriptions.

Assessment Name	Test Group	Test Grade	Test Reason	Student Count	Average Score	Performance
Grade 7 Math - Summative	Summative	7	Spring 2021 (Summative)	1	2248	Percent Count 10

Score Description

%Level 1 (2108 - 2483)
The student has not met the achievement standard and needs substantial improvement to demonstrate the knowledge and skills in mathematics needed for likely success in entry-level credit-bearing college coursework after high school.

%Level 2 (2484 - 2566)
The student has nearly met the achievement standard and may require further development to demonstrate the knowledge and skills in mathematics needed for likely success in entry-level credit-bearing college coursework after high school.

%Level 3 (2567 - 2634)
The student has met the achievement standard and demonstrates progress toward mastery of the knowledge and skills in mathematics needed for likely success in entry-level credit-bearing college coursework after high school.

%Level 4 (2635 - 2964)
The student has exceeded the achievement standard and demonstrates advanced progress toward mastery of the knowledge and skills in mathematics

- Once you select the date range, you can then select the type of assessment to view.
- Summative Math was chosen here and then you will see all the tests given in the various grade levels.
- Notice that an average score is provided along with cut scores.

Did We Meet the Goal for Using the Reporting Feature?

Learning Goal:

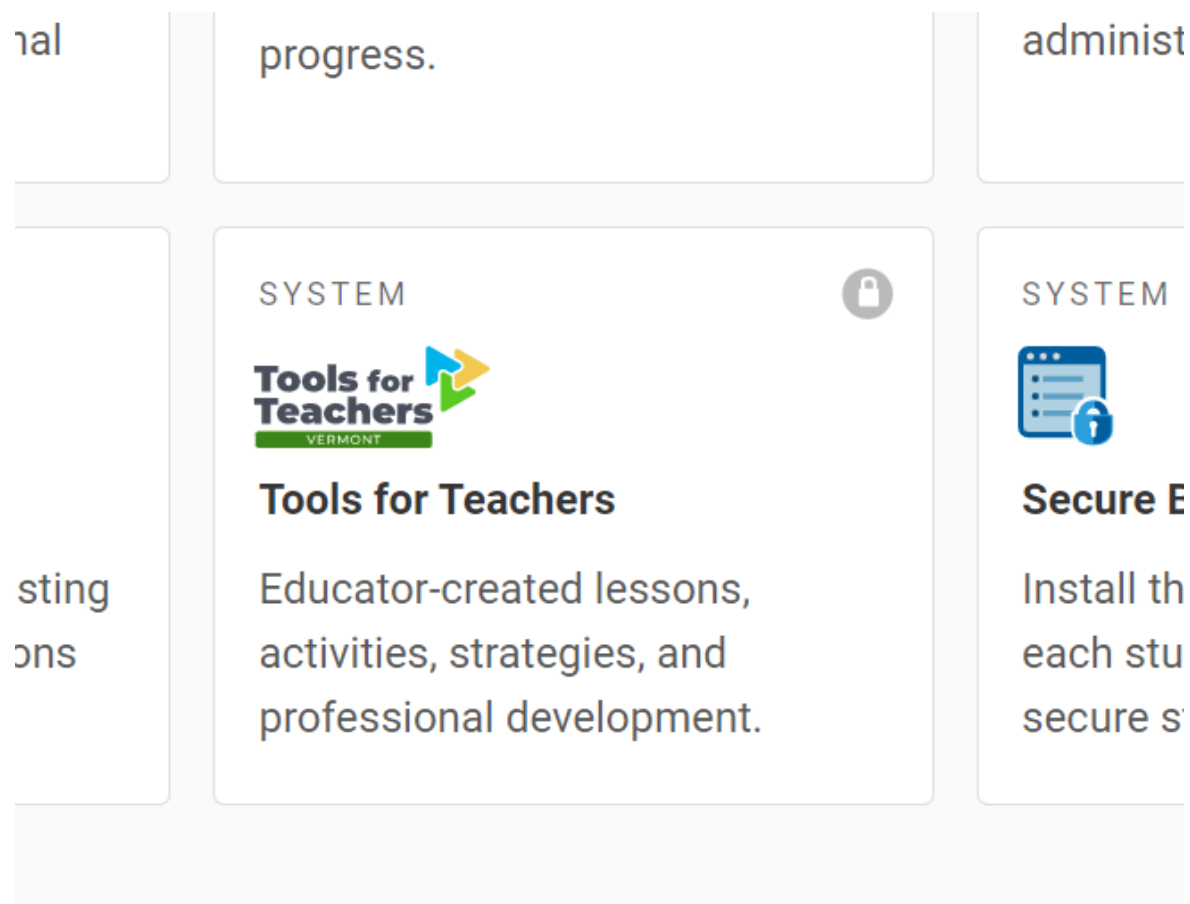
Understand how to use the various assessments offered by Smarter Balanced to inform instruction at the district or school level and to assist in determining appropriate intervention for individual or groups of students.

Tools for Teachers

Learning Goal:

How to search for resources using Tools for Teachers to inform your instruction.

Accessing Tools for Teachers



From the main page of the Vermont Assessment Portal, scroll down and click on the Tools for Teachers icon.

Logging In


← → ↻ <https://smartertoolsforteachers.org>

Tools for Teachers

VERMONT

Discover **classroom resources** you can use today.

Educator-created lessons, activities, strategies, and professional development to help tailor instruction and boost learning.

What are you looking for? (e.g., fractions, research, shapes) 

Type a keyword to start searching. [Go to the filter](#) to choose your grade and subject.

- To optimize your access to materials, it is best to log in first by clicking on the arrow in the lower left (circled in blue).
- The login is the same Secure Login used to access the Reporting feature.

Searching for Resources

Search for Resources

What are you looking for? (e.g., fractions, research, shapes)



Type a keyword to start searching. [Go to the filter](#) to choose your grade and subject.

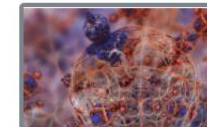
INSTRUCTIONAL RESOURCE

[Searching for Relevant Resources](#)

Grade HS • English Language Arts

Students will understand the importance of relevant sources as they conduct research.

Claim 4: Research/Inquiry • Target 3: Evaluate Information / Sources
Content Standard W-8



INSTRUCTIONAL RESOURCE

[Intro to Quadratic Formula](#)

Grade HS • Mathematics

You can use the Filter option to search by grade level, subject, claim, target (CCSS Clusters), and individual standard.

Filtered Results

Subjects

Mathematics —

Claims

1: Concepts and Procedures —

Targets

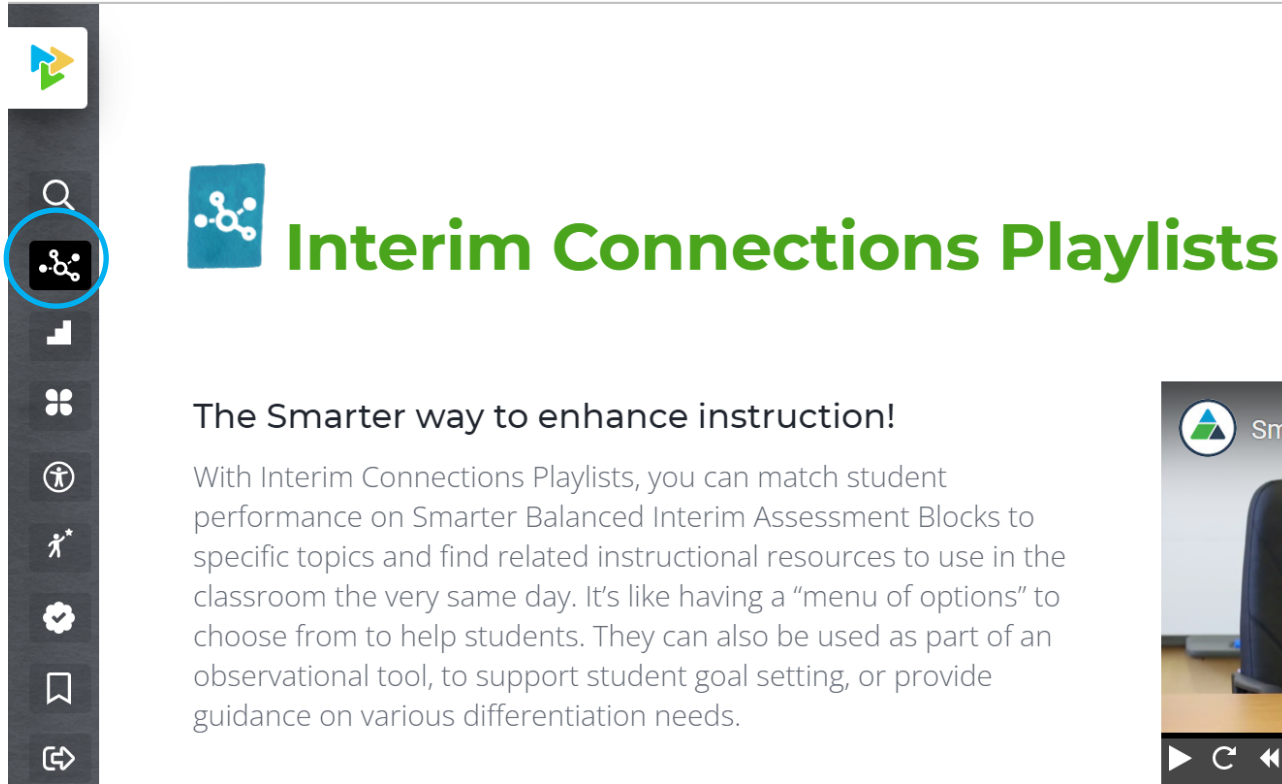
J: Investigate patterns of association in bivariate data. —

Content Standards

SP-1 + SP-2 + SP-3 + SP-4 +

- By using the Filter option, you will zero in on the available resources that fit what you are looking for.
- If stopped at the Target level, resources for all standards of that Target are listed.

Searching for Resources by Interims



Interim Connections Playlists

The Smarter way to enhance instruction!

With Interim Connections Playlists, you can match student performance on Smarter Balanced Interim Assessment Blocks to specific topics and find related instructional resources to use in the classroom the very same day. It's like having a "menu of options" to choose from to help students. They can also be used as part of an observational tool, to support student goal setting, or provide guidance on various differentiation needs.

- If you are already familiar with or using Interim assessments, you may want to search for a Connections Playlist (circled in blue).
- Each Playlist is associated with an IAB or FIAB.

First Select Grade Level

Start Using Playlists

Mathematics

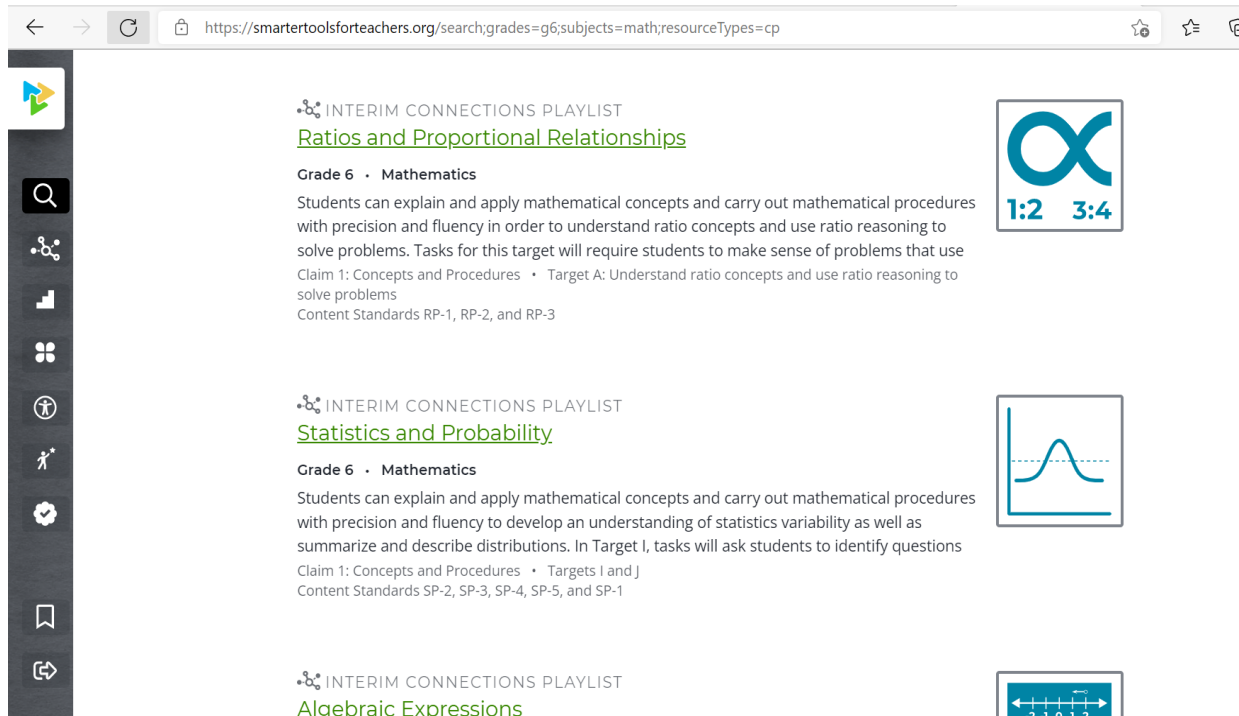
Select a grade

GO!

[or browse all](#)

- To begin searching by Interims, use the dialog box in the lower right of the Interim Connections Playlists landing page.
- Choose Mathematics and then select the desired grade and then GO!

View All Interims by Grade Level



The screenshot shows a web browser window with the URL <https://smartertoolsforteachers.org/search;grades=g6;subjects=math;resourceTypes=cp>. The page displays three search results for Grade 6 Mathematics interims:

- INTERIM CONNECTIONS PLAYLIST**
[Ratios and Proportional Relationships](#)
Grade 6 • Mathematics
Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency in order to understand ratio concepts and use ratio reasoning to solve problems. Tasks for this target will require students to make sense of problems that use Claim 1: Concepts and Procedures • Target A: Understand ratio concepts and use ratio reasoning to solve problems
Content Standards RP-1, RP-2, and RP-3
- INTERIM CONNECTIONS PLAYLIST**
[Statistics and Probability](#)
Grade 6 • Mathematics
Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency to develop an understanding of statistics variability as well as summarize and describe distributions. In Target I, tasks will ask students to identify questions
Claim 1: Concepts and Procedures • Targets I and J
Content Standards SP-2, SP-3, SP-4, SP-5, and SP-1
- INTERIM CONNECTIONS PLAYLIST**
[Algebraic Expressions](#)

- As an example, I have chosen Mathematics, Grade 6, and there are 12 Playlists, one for each FIAB and IAB.
- Selecting a particular Claim and Target can further specify resources.

An Interim Connections Playlist

← → ↻ <https://smartertoolsforteachers.org/resource/317> 🏠 📄 ⭐ 🌟 🗑️ 👤 ⋮

Outline

- 🔗 Performance Progressions
 - Explain One-Variable Inequalities
 - Model One-Variable Inequalities
 - Reason and Solve One-Variable I...
 - Solve One-Variable Equations & I...
 - Use Substitution to Solve One-Va...
- 💬 Suggestions for Intervention
- 💬 Things To Consider
- 👍 IAB Background
- 🔍 What are Interim Assessments?

One-Variable Expressions and Equations

Smarter Balanced Educators
Updated Nov 12, 2020

VIEW INTERIM ITEMS

Connect Student Performance to Instructional Resources ⓘ

STUDENT PERFORMANCE PROGRESSIONS ⓘ

Topic Resource	Below	Near	Above
Explain One-Variable Inequalities Out of Sorts: Sorting	Identify and use variables when writing equations.	Understand what the solution represents in	Explain and justify what the solution to an inequality

Math Grade 6

Claim 1: Concepts and Procedure

Target F

Standards EE-5, EE-6, EE-7, EE-8

Playlist Resources

Quick links to the referenced materials.

- Out of Sorts: Sorting Solutions to Inequalities
- What is the Meaning of x?
- Who Let the Letters Out?

Individual Resources

The screenshot shows a digital learning interface. On the left is a dark sidebar with navigation icons: a home icon, a magnifying glass, a network icon, a list icon, a four-leaf clover icon, a target icon, a person icon, a gear icon, a bookmark icon, and a share icon. The main content area has a white background with a yellow sun icon at the top left. It features a title 'Who Let the Letters Out?' in large green font, with 'INSTRUCTIONAL RESOURCE' above it. Below the title is the author 'Ann Sipe and Gayle Kamei' and the date 'Updated Nov 12, 2020'. A blue button labeled 'ATTACHMENTS' is on the right. A 'Get Started' section with a thumbs-up icon is below. The 'Overview' section contains a paragraph: 'This lesson will help students build the skills necessary to recognize expressions, equations, and inequalities; translate the symbols of ... more'. The 'Learning Goal' section has a list item: 'Students will be able to use substitution to solve one variable'. On the right side of the page, there is a vertical panel with a window graphic containing 'x' and 'y' variables, and a purple square icon with a white circle. Below this, it says 'Math Grade 6'. At the bottom of this panel, there is a table with the following data:

Claim	1: Concepts and Pro
Target	F
Standard	EE-5


The Formative Assessment Process

Formative Assessment Process



How It's Used

Clarify Intended Learning

- Read the learning goal and success criteria aloud to the students at the beginning of class. Explain why the learning goal is important to them.
- Allow time for students to ask clarifying questions and have them identify words or symbols they are unsure about. It is also helpful to have students write the learning goal and success criteria in their  **Learning Logs** or on a piece of paper. Students can also discuss the learning goal and success criteria with a partner.

Elicit Evidence

- Students will elicit evidence as they complete the card sorts

Each resource describes how the Formative Assessment Process is used to:

- **Clarify** intended learning;
- **Elicit** evidence;
- **Interpret** the evidence; and
- **Act** on the evidence.

Handouts and Materials



Attachments

This resource relies on the following materials. Download them to use.

HANDOUT



Activity 3 Card Sort - Solving by Substitution
(.docx)



[Download](#)

HANDOUT



Activity 2 Card Sort - True and False Number
Statements (.docx)



[Download](#)

HANDOUT



Learning Log (.docx)



[Download](#)

- All Handouts and Materials needed for implementing the resource are provided as attachments.
- Everything needed to utilize this lesson in your class is included in the resource.

Did We Meet the Goal for Using Tools for Teachers?

Learning Goal:

How to search for resources using Tools for Teachers to inform your instruction.

In Conclusion

Hopefully, everyone can now use the [Vermont Comprehensive Assessment Portal](#) to both review your Smarter Balanced data using the **Reporting** feature and locate resources using **Tools for Teachers**.

I'll be available to provide some walk-throughs of what has just been presented.

Thank You!

Question and Answers

What questions do you have or what would you like to see in more detail?