

Quick Guide for Longitudinal Reports

A longitudinal report compares student performance between the 1st and 2nd test opportunities of an interim assessment and/or among other related tests. Teachers can view roster-level and student-level longitudinal reports if students have taken the qualifying, related test(s).

Longitudinal Report Test Charts

The green chart indicates the BEST combinations of tests that generate a longitudinal report.

BEST Combinations of Tests
CA-CIAs
1 st opportunity and 2 nd opportunity
Below grade-level and Current grade-level
1 st opportunity and 2 nd opportunity CA-CIA and (future) 2020-2021 WVGSA
FF-CIAs
Below grade-level and Current grade-level
IMAs
Form to Form- IMAs have at least 2 forms (A and B), and many have 4+ forms (A, B, C, and D).
Below grade-level and Current grade-level IMAs
Prior year and Current year IMAs
WVGSA s
2018-2019 Prior year and (future) 2020-2021
Note: 2019-2020 WVGSA not tested.

The yellow chart indicates tests where the pretest and posttest are the SAME test. The longitudinal data DOES NOT have the same validity and reliability as those in the green chart.

Same Pretest/Posttest Form
FF-CIAs
1 st opportunity and 2 nd opportunity
IMAs
IMA 1 st opportunity and 2 nd opportunity

The red chart contains tests that **DO NOT** combine to generate longitudinal reports.

DO NOT Generate Longitudinal Reports
FF-CIA and WVGSA
FF-CIA and CA-CIA
FF-CIA and IMA
CA-CIA and IMA
IMA and WVGSA

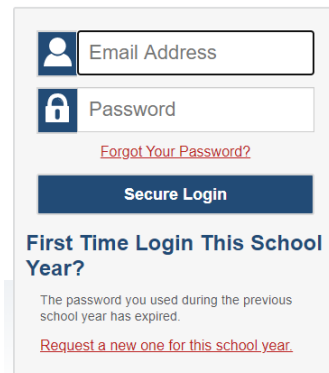
How to Access Longitudinal Reports

1. On the [West Virginia Assessment Portal](http://wv.portal.cambiumast.com) (wv.portal.cambiumast.com), select the **Test Administrator** icon. The **Test Administrators** page appears. Select the **Reporting** card. The log in page appears.

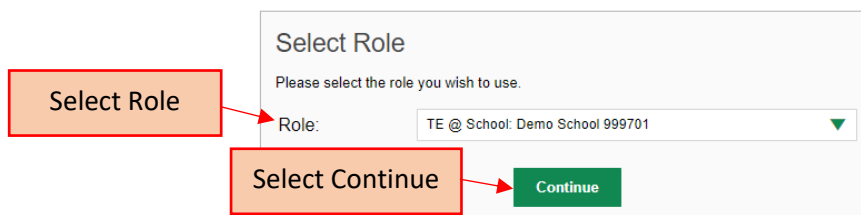


2. Enter your username and password and select **Secure Login**. If this is your first time logging in this school year, you will need to select **Request a new one for this school year** in order to reset your password. The Reporting site appears.

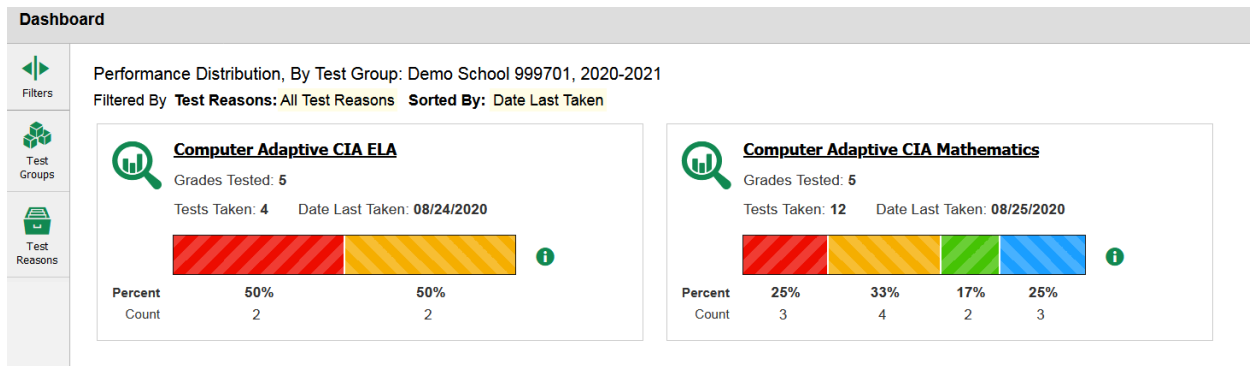
Login

A login form with a white background and a light gray border. It contains an "Email Address" input field with a person icon, a "Password" input field with a lock icon, and a "Forgot Your Password?" link. Below these is a blue "Secure Login" button. Underneath the button is a section titled "First Time Login This School Year?" with a message: "The password you used during the previous school year has expired." and a link: "Request a new one for this school year."

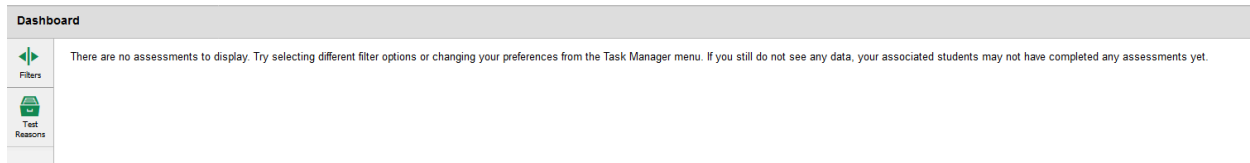
3. Select your **Role**. Select **Continue**. The teacher-view Dashboard appears.

A "Select Role" form with a white background and a light gray border. It has the title "Select Role" and the instruction "Please select the role you wish to use." Below this is a "Role:" label and a dropdown menu showing "TE @ School: Demo School 999701". To the left of the dropdown is a red box labeled "Select Role" with an arrow pointing to the dropdown. Below the dropdown is a red box labeled "Select Continue" with an arrow pointing to a green "Continue" button.

4. After you click **Continue**, the **Dashboard** appears.

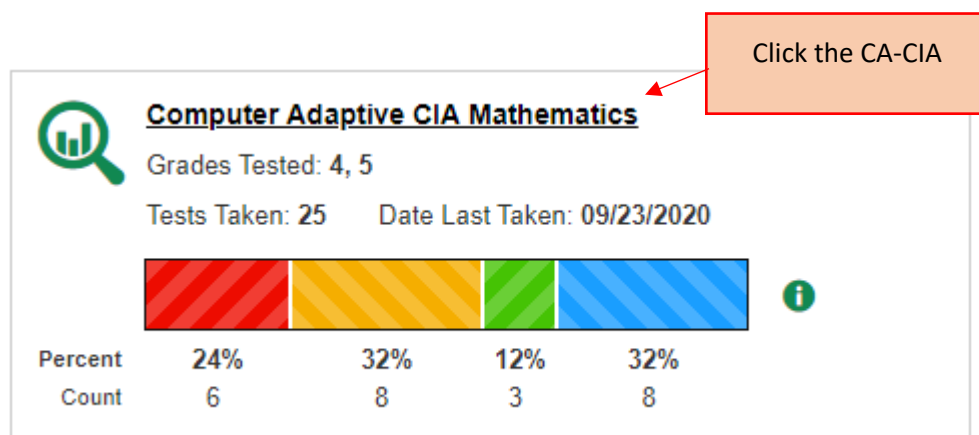


Dashboard **data appears** for teachers, **if the teachers have rosters** and **if rostered students have completed a test**. If these two conditions have not been met, teachers will see this message.



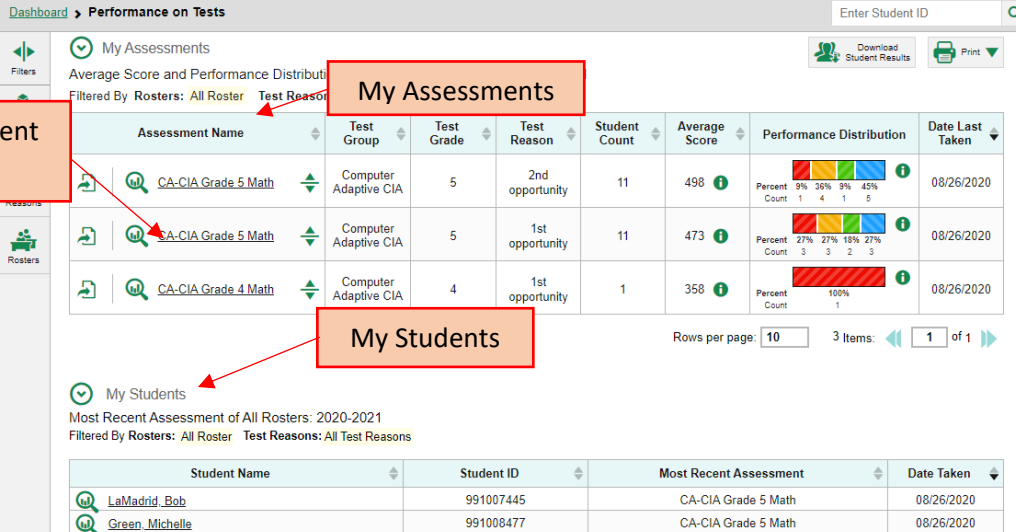
Contact your principal and/or district test coordinator if you have administered a test and receive this **Dashboard** message.

5. Select the dashboard tile of the test you want to view results for.



- The **Performance on Tests** page appears. *Optional:* Select **Filters** to expand the Filters panel and filter the tests on the Dashboard by Test Group or Test Reason. Select the **Assessment Name** of the test you want to view.

Data is available at the roster level under the **My Assessments** tab. Student-level data is accessed under **My Assessments** by drilling down or by clicking a student's name under the **My Students** tab. This quick guide focuses on the **My Assessments** tab.



Select Assessment Name

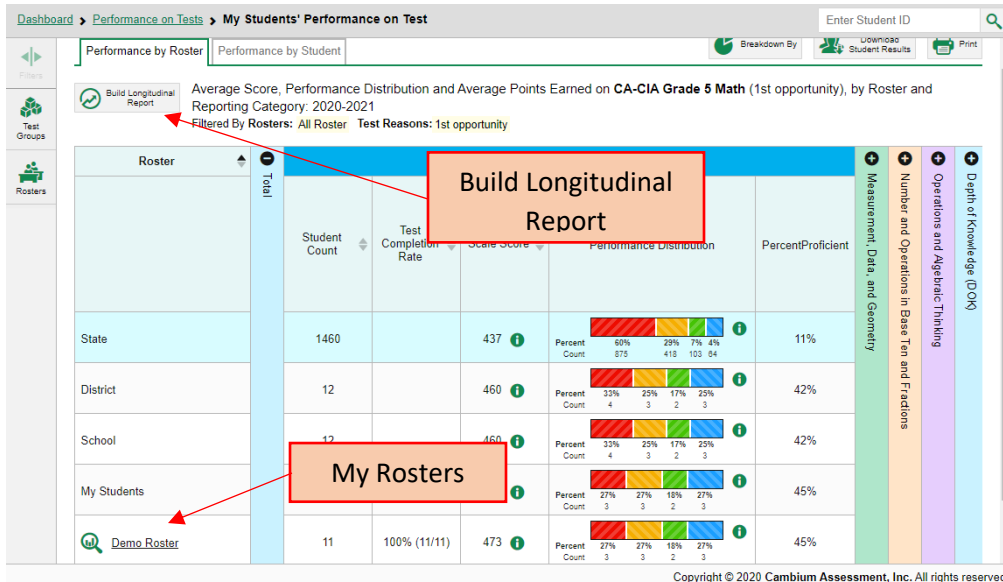
Assessment Name	Test Group	Test Grade	Test Reason	Student Count	Average Score	Performance Distribution	Date Last Taken
CA-CIA Grade 5 Math	Computer Adaptive CIA	5	2nd opportunity	11	498	Percent Count: 9% 36% 9% 45%	08/26/2020
CA-CIA Grade 5 Math	Computer Adaptive CIA	5	1st opportunity	11	473	Percent Count: 27% 27% 18% 27%	08/26/2020
CA-CIA Grade 4 Math	Computer Adaptive CIA	4	1st opportunity	1	358	Percent Count: 100%	08/26/2020

My Students

Most Recent Assessment of All Rosters: 2020-2021
Filtered By Rosters: All Roster Test Reasons: All Test Reasons

Student Name	Student ID	Most Recent Assessment	Date Taken
LaMadrid, Bob	991007445	CA-CIA Grade 5 Math	08/26/2020
Green, Michelle	991008477	CA-CIA Grade 5 Math	08/26/2020

- After you click on the test, the **My Students' Performance on Test** page loads. The **Build Longitudinal Report** icon appears. You may generate Longitudinal Reports at this level, or drill down into the **Roster Performance on Test** page.



Build Longitudinal Report

Average Score, Performance Distribution and Average Points Earned on **CA-CIA Grade 5 Math** (1st opportunity), by Roster and Reporting Category: 2020-2021
Filtered By Rosters: All Roster Test Reasons: 1st opportunity

Roster	Student Count	Test Completion Rate	Score Score	Performance Distribution	Percent Proficient
State	1460	437	437	Percent Count: 60% 29% 7% 4%	11%
District	12	460	460	Percent Count: 33% 25% 17% 25%	42%
School	12	460	460	Percent Count: 33% 25% 17% 25%	42%
My Students				Percent Count: 27% 27% 18% 27%	45%
Demo Roster	11	100% (11/11)	473	Percent Count: 27% 27% 18% 27%	45%

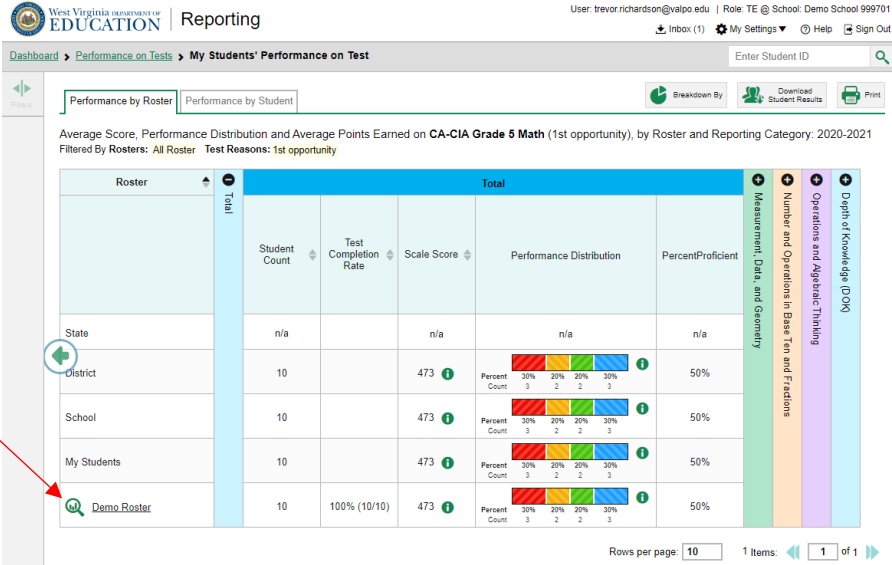
My Rosters

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How to Access Roster-Level Longitudinal Reports

The following directions explain the roster-level Longitudinal Reports.

1. Click on the **Roster Name** to view the student data for that Roster.



User: trevor.richardson@vaipo.edu | Role: TE @ School: Demo School 999701

Dashboard > Performance on Tests > My Students' Performance on Test

Performance by Roster | Performance by Student

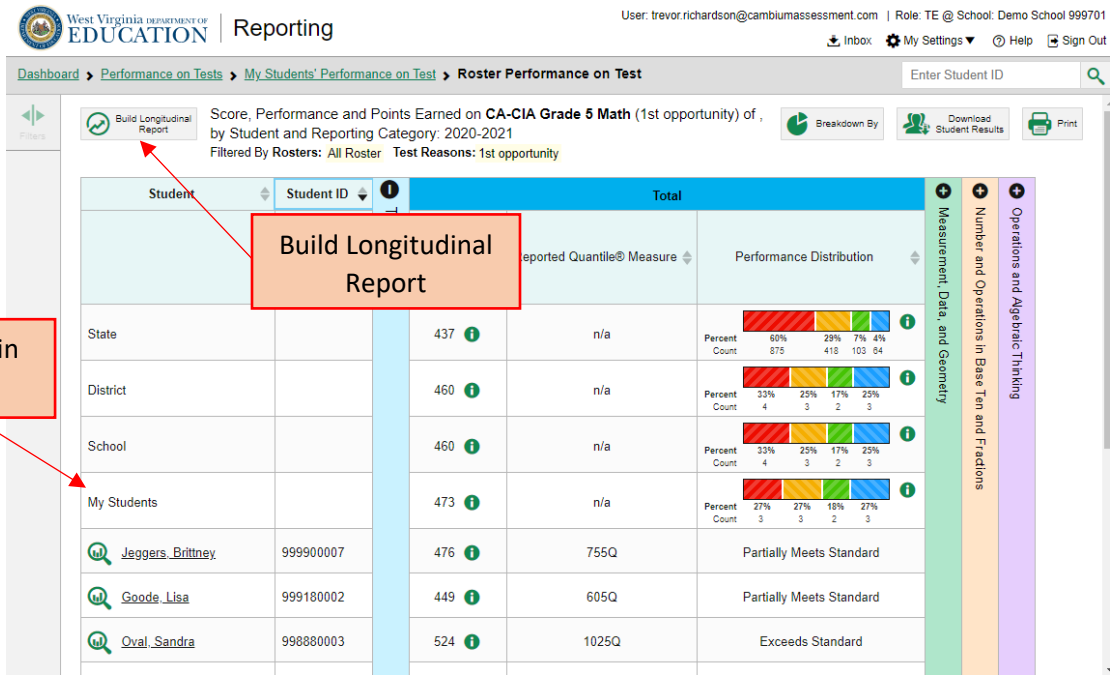
Average Score, Performance Distribution and Average Points Earned on **CA-CIA Grade 5 Math** (1st opportunity), by Roster and Reporting Category: 2020-2021
Filtered By Rosters: All Roster Test Reasons: 1st opportunity

Roster	Student Count	Test Completion Rate	Scale Score	Performance Distribution	Percent Proficient
State	n/a	n/a	n/a	n/a	n/a
District	10	473	Percent Count: 30% 20% 20% 30%	50%	
School	10	473	Percent Count: 30% 20% 20% 30%	50%	
My Students	10	473	Percent Count: 30% 20% 20% 30%	50%	
Demo Roster	10	100% (10/10)	473	Percent Count: 30% 20% 20% 30%	50%

Rows per page: 10 | 1 Items | 1 of 1

Select the appropriate roster

2. On the **Roster Performance on Test** page, select the **Build Longitudinal Report** icon. The Longitudinal Report pop-up appears.



User: trevor.richardson@cambiumassessment.com | Role: TE @ School: Demo School 999701

Dashboard > Performance on Tests > My Students' Performance on Test > Roster Performance on Test

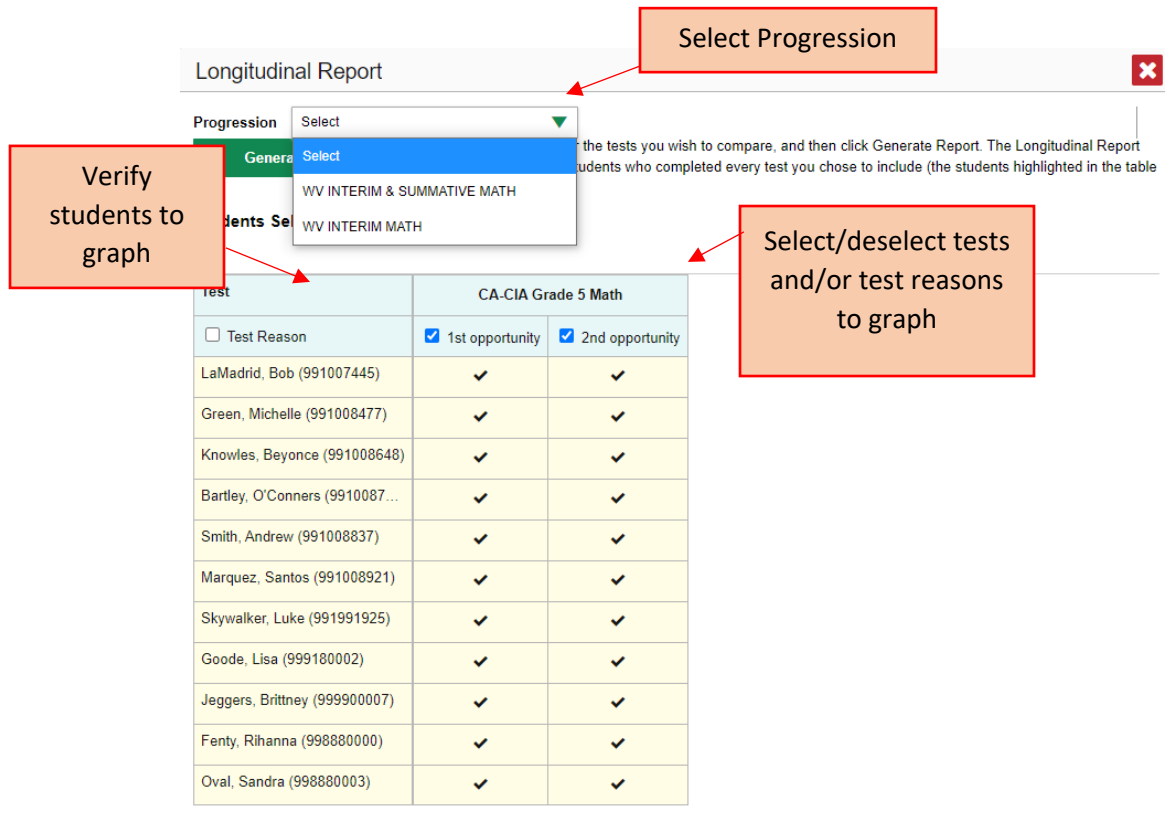
Build Longitudinal Report

Score, Performance and Points Earned on **CA-CIA Grade 5 Math** (1st opportunity) of , by Student and Reporting Category: 2020-2021
Filtered By Rosters: All Roster Test Reasons: 1st opportunity

Student	Student ID	Reported Quantile Measure	Performance Distribution
State	437	n/a	Percent Count: 60% 28% 7% 4%
District	460	n/a	Percent Count: 32% 25% 17% 25%
School	460	n/a	Percent Count: 33% 25% 17% 25%
My Students	473	n/a	Percent Count: 27% 27% 18% 27%
Jeggars, Britney	999900007	755Q	Partially Meets Standard
Goode, Lisa	999180002	605Q	Partially Meets Standard
Oval, Sandra	998880003	1025Q	Exceeds Standard

List of students in roster

3. In the Longitudinal Report window, choose the **Progression** you want to graph by clicking on the **Select triangle**. In this example, **WV Interim** refers to the **CA-CIA Grade 5 Math**.
 - a. If you choose this progression, the **1st opportunity** and **2nd opportunity** of the CA-CIA generates.
 - b. If you select **WV Interim** and **Summative Math**, the report generates for **any** opportunity (1st, 2nd, and/or both) and the **2020-2021 Math WVGSA**. Please note: this option is not available until students have completed the WVGSA.



Longitudinal Report

Progression: Select

WV INTERIM & SUMMATIVE MATH

WV INTERIM MATH

Test Reason

Test Reason	CA-CIA Grade 5 Math	
	1st opportunity	2nd opportunity
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LaMadrid, Bob (991007445)	✓	✓
Green, Michelle (991008477)	✓	✓
Knowles, Beyonce (991008648)	✓	✓
Bartley, O'Connors (9910087...)	✓	✓
Smith, Andrew (991008837)	✓	✓
Marquez, Santos (991008921)	✓	✓
Skywalker, Luke (991991925)	✓	✓
Goode, Lisa (999180002)	✓	✓
Jeggors, Brittney (999900007)	✓	✓
Fenty, Rihanna (998880000)	✓	✓
Oval, Sandra (998880003)	✓	✓

4. The **Students Selected** number should match your roster number and you should verify the names under Students Selected are the desired students you want to generate in the Longitudinal Report. You can deselect and select any students to change the Students Selected number.
5. Next, verify the **Test Reason(s)** you wish to include in the report. You can select and deselect Test Reasons for any test appearing in the Longitudinal Report window. Important: The Longitudinal Report will not generate if it does not have a minimum of two tests and/or test opportunities selected.

6. Once you have selected the desired **Progression**, verified the **Students Selected**, and confirmed **Test Reasons**, click **Generate Report**. The Longitudinal Report appears.

Longitudinal Report

Progression: WV INTERIM MATH

Generate Report Mark the checkboxes for the

Students Selected: 10

Test	CA-CIA Grade 5 Math	
	<input checked="" type="checkbox"/> 1st opportunity	<input checked="" type="checkbox"/> 2nd opportunity
<input checked="" type="checkbox"/> Test Reason		
Green, Michelle (991008477)	✓	✓
Knowles, Beyonce (991008648)	✓	✓
Bartley, O'Connors (9910087...)	✓	✓
Smith, Andrew (991008837)	✓	✓
Marquez, Santos (991008921)	✓	✓
Skywalker, Luke (991991925)	✓	✓
Goode, Lisa (999180002)	✓	✓
Jeggors, Brittney (999900007)	✓	✓
Fenty, Rihanna (998880000)	✓	✓
Oval, Sandra (998880003)	✓	✓

7. The Longitudinal Report displays trend data for the **Overall Score**, **Overall Performance**, and the **Reporting Categories**. Below these data, the tests that are included in the report are listed with expandable columns for the Reporting Categories.

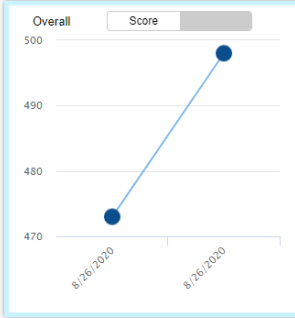
Longitudinal Report

Longitudinal report of Score and Performance on CA-CIA Grade 5 Math: Selected Students, 2020

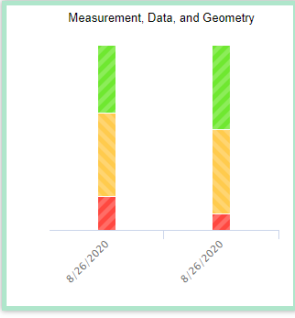
Filtered By: Test Reasons: All Test Reasons School Year: All School Years Reporting Date: 10/02/2020

Change Selections
Filters
Print

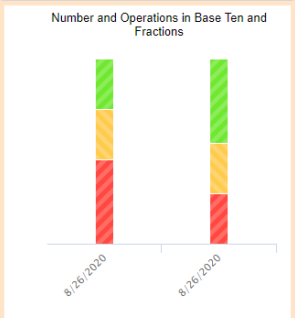
Overall Score



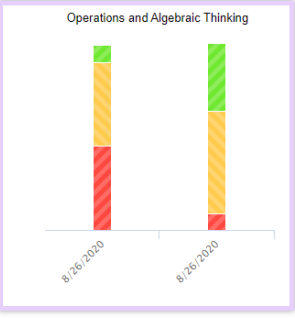
Measurement, Data, and Geometry



Number and Operations in Base Ten and Fractions



Operations and Algebraic Thinking

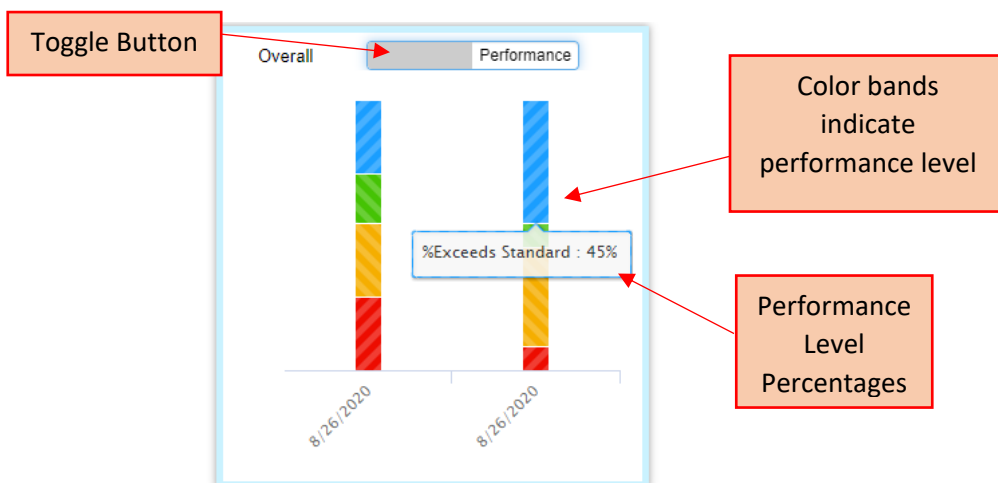


Date	Test Label	Test Reason	Overall				Measurement, Data, and Geometry			
			Average Score	%Does Not Meet Standard	%Partially Meets Standard	%Meets Standard	%Exceeds Standard	%Below Mastery	%At/Near Mastery	%Above Mastery
8/26/2020	CA-CIA Grade 5 Math	1st opportunity	473	27	27	18	27	18	45	36
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity	498	9	36	9	45	9	45	45

8. **Overall Score** is the average scale scores for the rostered students in the Longitudinal Report. The numbers on the y-axis display a range of scale scores. This range may change depending on the tests selected to be included in the Longitudinal Report. The dates on the x-axis are the dates for the most recently completed test opportunities. *The blue dots are the two average scale scores for the students. If you hover over the blue dots, the number appears.



9. Click on the toggle bar to view the **Overall Performance**. **Overall Performance** is the percentage breakdown of students in each performance level. Overall Performance Level percentages for the roster are displayed when the cursor hovers over each color band of the color bar. Red indicates X "Does Not Meet Standard". Yellow indicates "Partially Meets Standard". Green indicates "Meets Standard" and Blue indicates "Exceeds Standard."



*Since the date displayed for data points is the date of the most recent completed test for that opportunity, the date may not match the dated when most of students completed the test.



10. **Reporting Categories** indicate the percentage breakdown of the students' performance in each reporting category which can be compared with the other test(s)' percentage breakdown. Red indicates "Below Mastery". Yellow indicates "At/Near Mastery", and green indicates "Above Mastery". By hovering over the color bar, the percentage breakdowns appear.



11. Below the graphs, the **Longitudinal Report Table** provides a static view of the data which includes **Date**, **Test Label**, **Test Reason**, **Overall Scores** and **Performances**, and **Reporting Category** percentages.

Select the "+/-" signs to expand/contract the panels.

The **Overall** panel displays the average score and performance level percentage for the test opportunities.

Date	Test Label	Test Reason	Overall	Overall				
				Average Score	%Does Not Meet Standard	%Partially Meets Standard	%Meets Standard	%Exceeds Standard
8/26/2020	CA-CIA Grade 5 Math	1st opportunity		473 	27	27	18	27
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity		498 	9	36	9	45

Average Scale Score

Performance Level Percentage

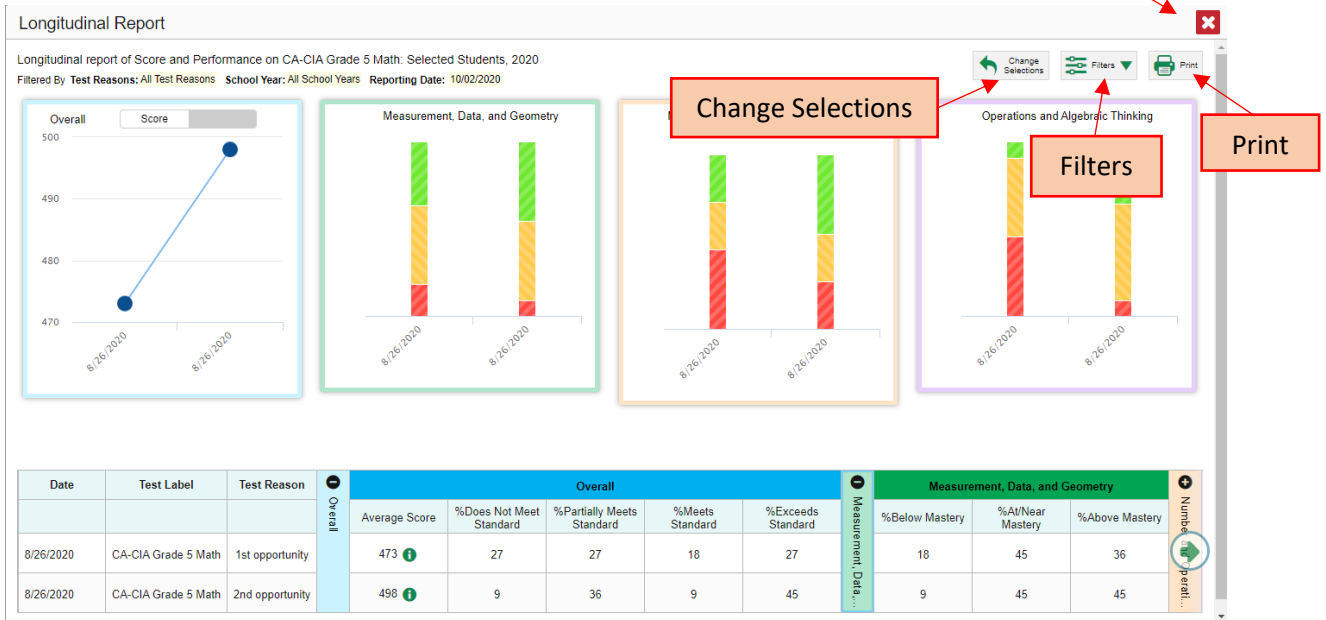
The **Reporting Category** panels display the performance level percentages for the test opportunities.

Date	Test Label	Test Reason	+ Overall	- Measurement, Data, and ...	Measurement, Data, and Geometry		
					%Below Mastery	%At/Near Mastery	%Above Mastery
8/26/2020	CA-CIA Grade 5 Math	1st opportunity			18	45	36
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity			9	45	45

Performance Level Percentage

How to Modify and Print the Longitudinal Reporting Data

Close Longitudinal Report

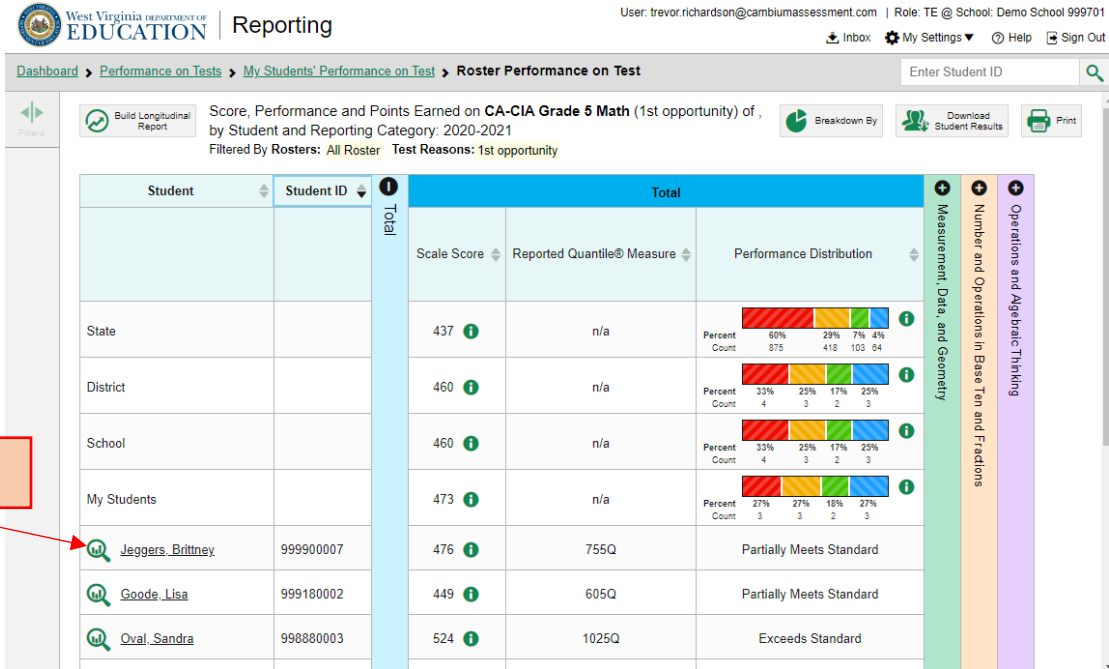


8. You can choose to **Change Selections**, choose **Filters**, and/or **Print** the Longitudinal Report.
 - a. **Change Selections** takes you back to the Generate Report window. You can select/deselect the students who appear in the report, select/deselect Test Reasons, and change Progressions.
 - b. **Filters** allows you to change **School Year**, **Test Reasons**, and **Test Label**.
 - c. **Print** allows you to print the Longitudinal Report.
9. Click the **Red X** to close the Longitudinal Report Window.

How to Access Student-Level Longitudinal Reports

The following directions explain the student-level Longitudinal Reports.

1. From the **Roster Performance on Test** page, select the name of the student for whom you want to view a Longitudinal Report. The **Student Performance on Test** page appears.



West Virginia DEPARTMENT OF EDUCATION | Reporting

User: trevor.richardson@cambiuassessment.com | Role: TE @ School: Demo School 999701

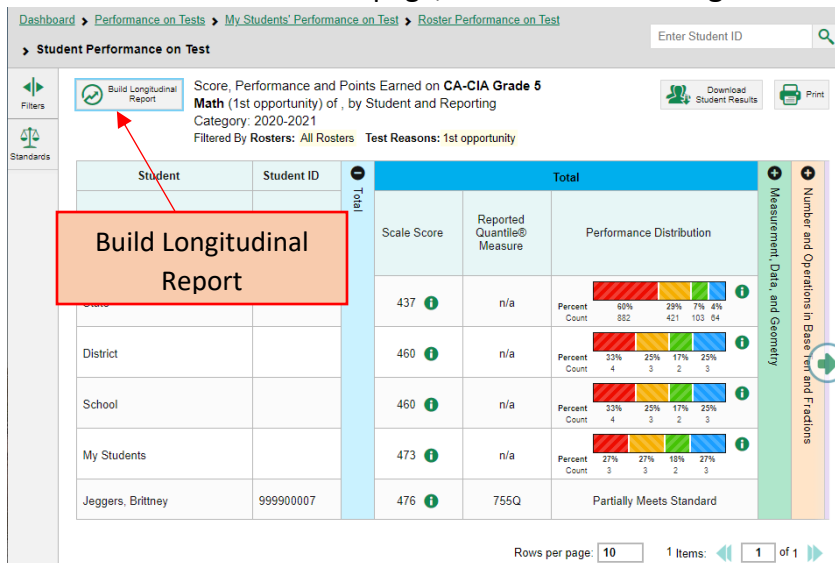
Dashboard > Performance on Tests > My Students' Performance on Test > Roster Performance on Test

Enter Student ID

Build Longitudinal Report | Score, Performance and Points Earned on CA-CIA Grade 5 Math (1st opportunity) of , by Student and Reporting Category: 2020-2021
Filtered By Rosters: All Roster Test Reasons: 1st opportunity

Student	Student ID	Total	Scale Score	Reported Quantile® Measure	Performance Distribution
State		437	n/a	Percent: 60% 29% 7% 4% Count: 875 418 103 64	
District		460	n/a	Percent: 33% 25% 17% 25% Count: 4 3 2 3	
School		460	n/a	Percent: 33% 25% 17% 25% Count: 4 3 2 3	
My Students		473	n/a	Percent: 27% 27% 18% 27% Count: 3 3 2 3	
Jeggors, Brittney	999900007	476	755Q	Partially Meets Standard	
Goode, Lisa	999180002	449	605Q	Partially Meets Standard	
Oval, Sandra	998880003	524	1025Q	Exceeds Standard	

2. From the **Student Performance on Test** page, select the **Build Longitudinal Report** icon.



Dashboard > Performance on Tests > My Students' Performance on Test > Roster Performance on Test

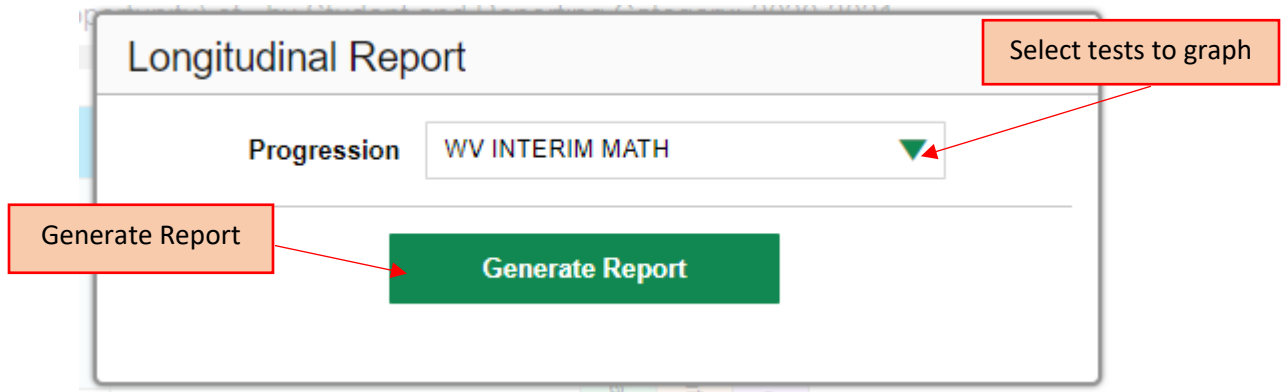
Enter Student ID

Build Longitudinal Report | Score, Performance and Points Earned on CA-CIA Grade 5 Math (1st opportunity) of , by Student and Reporting Category: 2020-2021
Filtered By Rosters: All Rosters Test Reasons: 1st opportunity

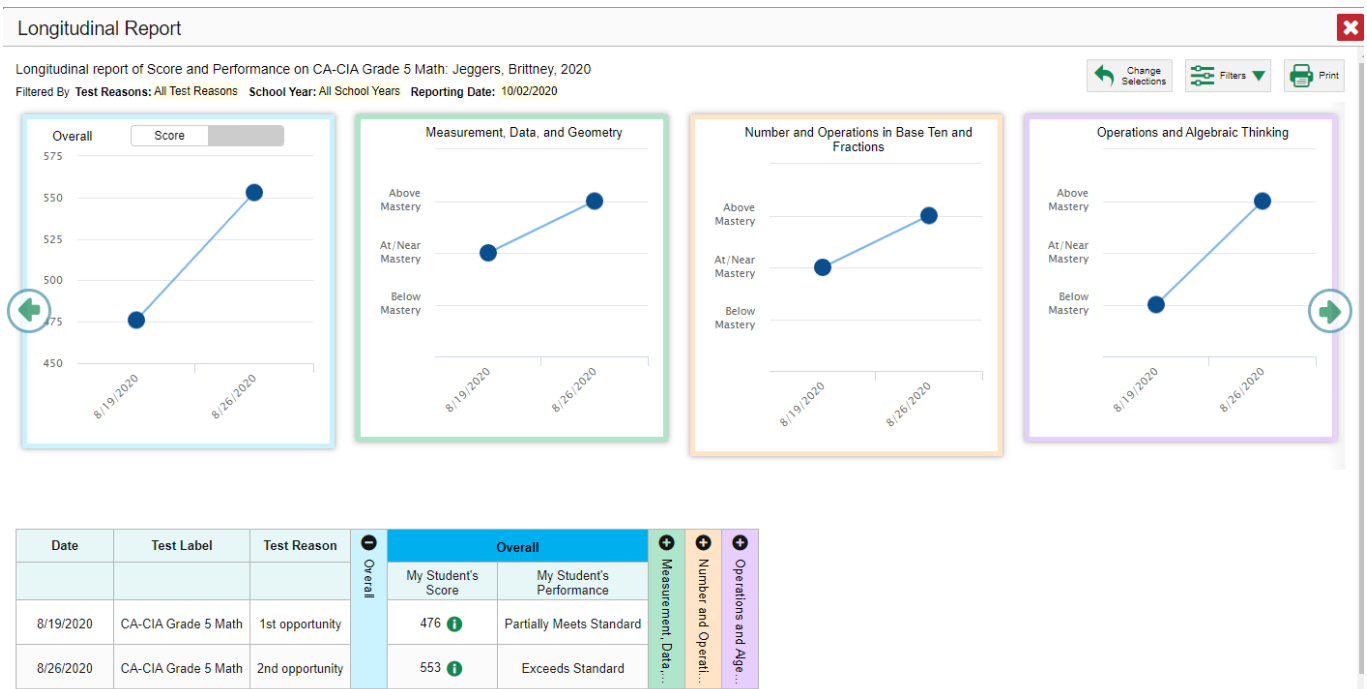
Student	Student ID	Total	Scale Score	Reported Quantile® Measure	Performance Distribution
State		437	n/a	Percent: 60% 29% 7% 4% Count: 882 421 103 64	
District		460	n/a	Percent: 33% 25% 17% 25% Count: 4 3 2 3	
School		460	n/a	Percent: 33% 25% 17% 25% Count: 4 3 2 3	
My Students		473	n/a	Percent: 27% 27% 18% 27% Count: 3 3 2 3	
Jeggors, Brittney	999900007	476	755Q	Partially Meets Standard	

Rows per page: 10 | 1 Items: 1 of 1

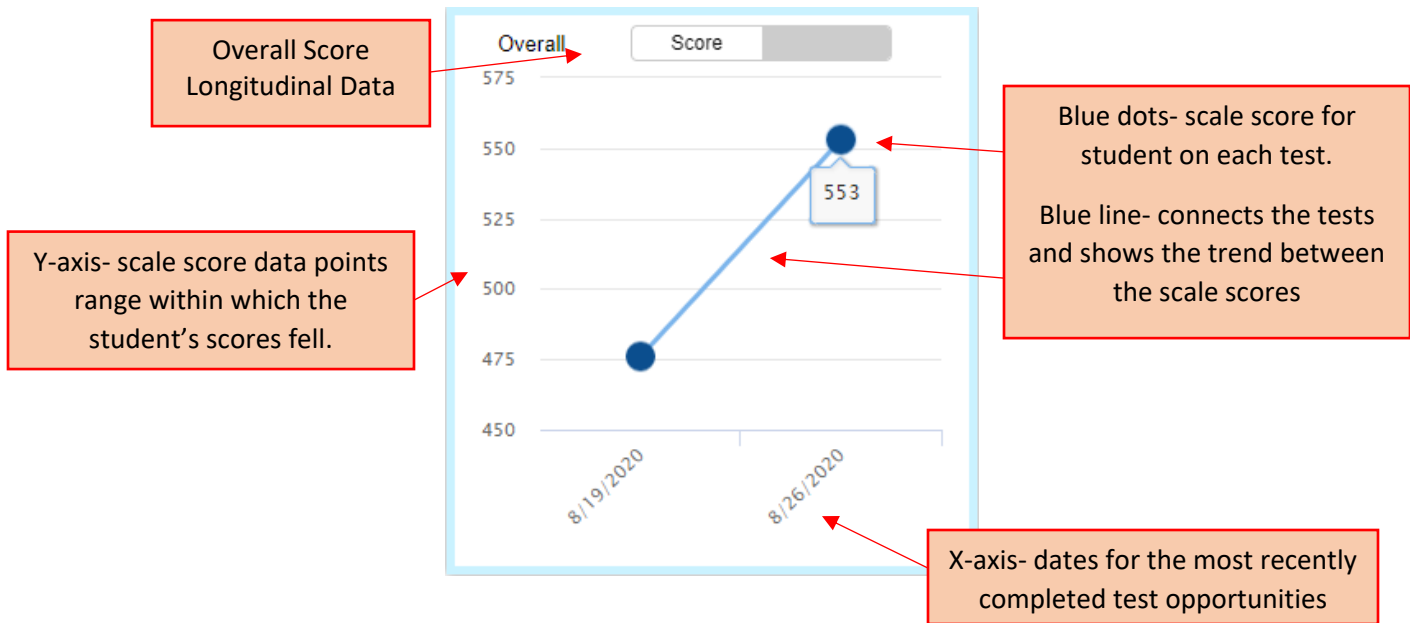
- Once you have selected the desire Progression click **Generate Report**. The Longitudinal Report appears.



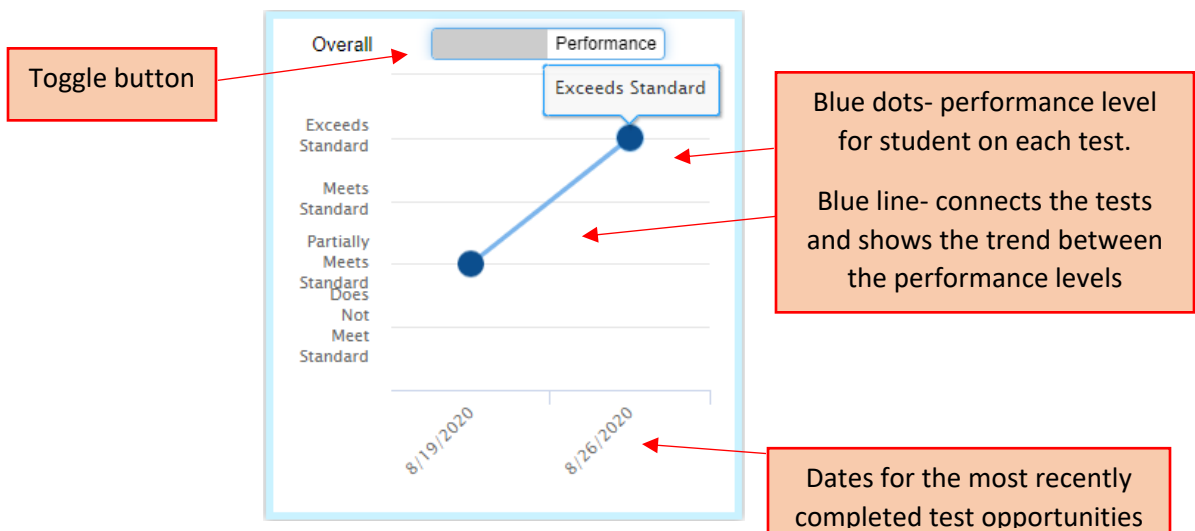
- The Longitudinal Report displays trend data for the student. Data includes the **Overall Score**, **Overall Performance**, and the **Reporting Categories**. Below these data, the tests that are included in the report are listed with expandable columns for the Reporting Categories.



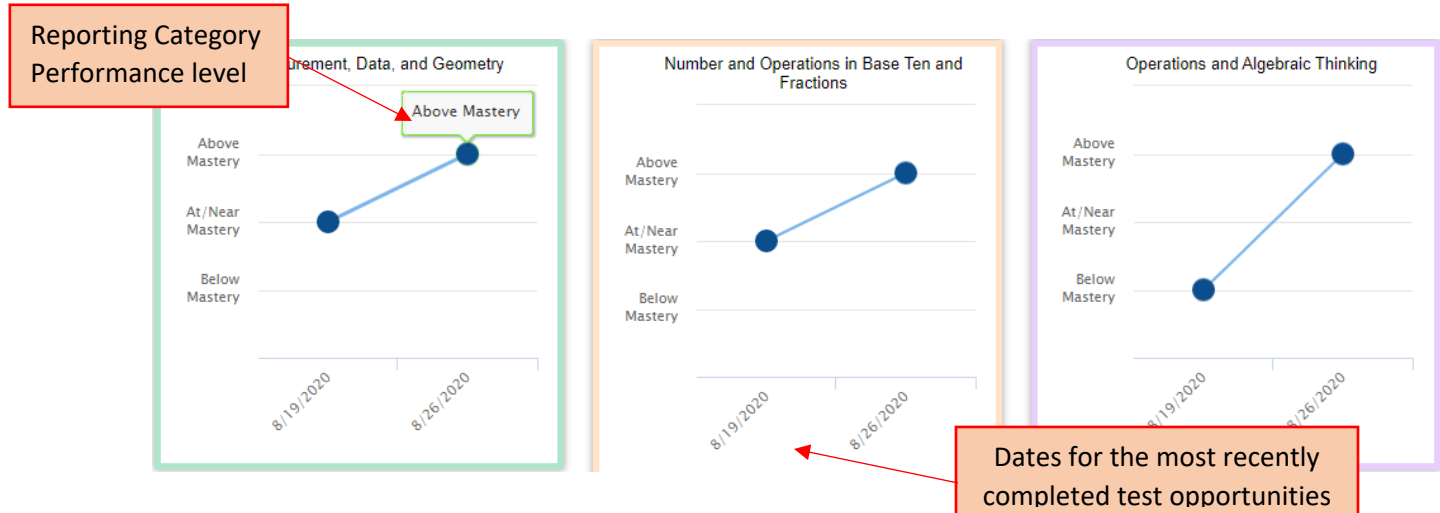
5. **Overall Score** is the scale scores for the rostered student in the Longitudinal Report. The numbers on the y-axis display a range of scale scores. This range may change depending on the tests selected to be included in the Longitudinal Report. The dates on the x-axis are the most recent date the test(s) were completed by the student. The blue dots are the two scale scores for the students. If you hover over the blue dots, the number appears.



Click on the toggle button to alternate to **Overall Performance**. **Overall Performance** is the overall performance level for the student. The Overall Performance Level is displayed when the cursor hovers over the blue dots. The Overall Performance trend appears for the dates of the most recent completed test for an opportunity.





6. **Reporting Categories** indicate the student's performance in each reporting category which can be compared with the other test's performance level. By hovering over the blue dots, the performance level appears.



7. Below the graphs, the **Longitudinal Report Table** provides a static view of the data which includes **Date**, **Test Label**, **Test Reason**, **Overall Scores**, and the **Reporting Category** performance.

Select the "+/-" signs to expand/contract the panels.

The **Overall** panel displays the scale score and overall performance levels for the test opportunities.

Date	Test Label	Test Reason	Overall	Overall	
				My Student's Score	My Student's Performance
8/19/2020	CA-CIA Grade 5 Math	1st opportunity		476 	Partially Meets Standard
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity		553 	Exceeds Standard

Scale Score

Overall Performance Level

The **Reporting Category** panels display the Reporting Category performance levels for the test opportunities.

Date	Test Label	Test Reason	+	-	Measurement, Data, and Geometry
			Overall	Measurement, Data, and ...	My Student's Performance
8/19/2020	CA-CIA Grade 5 Math	1st opportunity			At/Near Mastery
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity			Above Mastery

Reporting Category
Performance Level

8. You can **Change Selections**, choose **Filters**, and **Print** the Longitudinal Report.
 - a. **Change Selections** takes you back to the Generate Report window and lets you change **Progressions**.
 - b. **Filters** allows you to change **School Year**, **Test Reasons**, and **Test Label**.
 - c. **Print** allows you to print the Longitudinal Report.

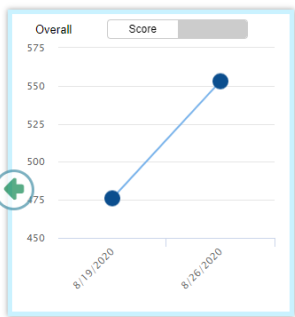
9. Click the **Red X** to close the Longitudinal Report Window

Close Longitudinal Report

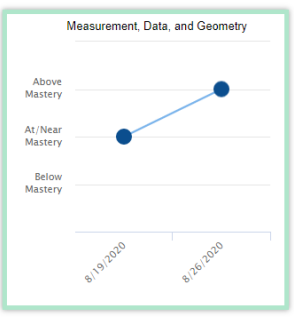
Longitudinal Report

Longitudinal report of Score and Performance on CA-CIA Grade 5 Math: Jeggers, Brittney, 2020
Filtered By Test Reasons: All Test Reasons School Year: All School Years Reporting Date: 10/02/2020

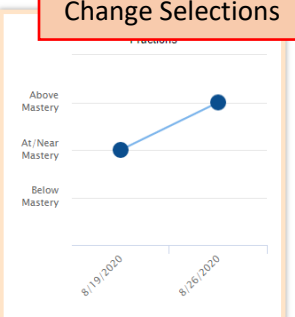
Overall Score



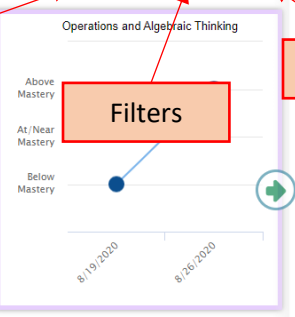
Measurement, Data, and Geometry



Change Selections



Operations and Algebraic Thinking



Filters

Print

Change Selections Filters Print

Date	Test Label	Test Reason	-	Overall	+	+	+	
			Overall	My Student's Score	My Student's Performance	Measurement, Data,...	Number and Operati...	Operations and Alge...
8/19/2020	CA-CIA Grade 5 Math	1st opportunity		476	Partially Meets Standard			
8/26/2020	CA-CIA Grade 5 Math	2nd opportunity		553	Exceeds Standard			