Data and Reporting Guide

Tutorials

Contents

Introduction

Apex Learning Tutorials are accessed via a proprietary Learning Management System (LMS). Directly from their dashboards, teachers and administrators access real-time progress and performance data at the student, classroom, school, and district level to make informed decisions. The progress and performance data is reported by quality of work, percent complete, and for the majority of states by state standard.

Administrators access utilization data aggregated at the school and district levels to ensure full use of the solution. For students, real-time progress and performance data shows them where they are in their learning and what they should do next.

Access to data is role-based, ensuring that each teacher and administrator has access only to the student information for which they are authorized.

All reports may be downloaded for further analysis and customization through spreadsheet applications such as Microsoft Excel. Additionally, Apex Learning has a data analytics team that regularly creates custom reports to meet specific client needs.
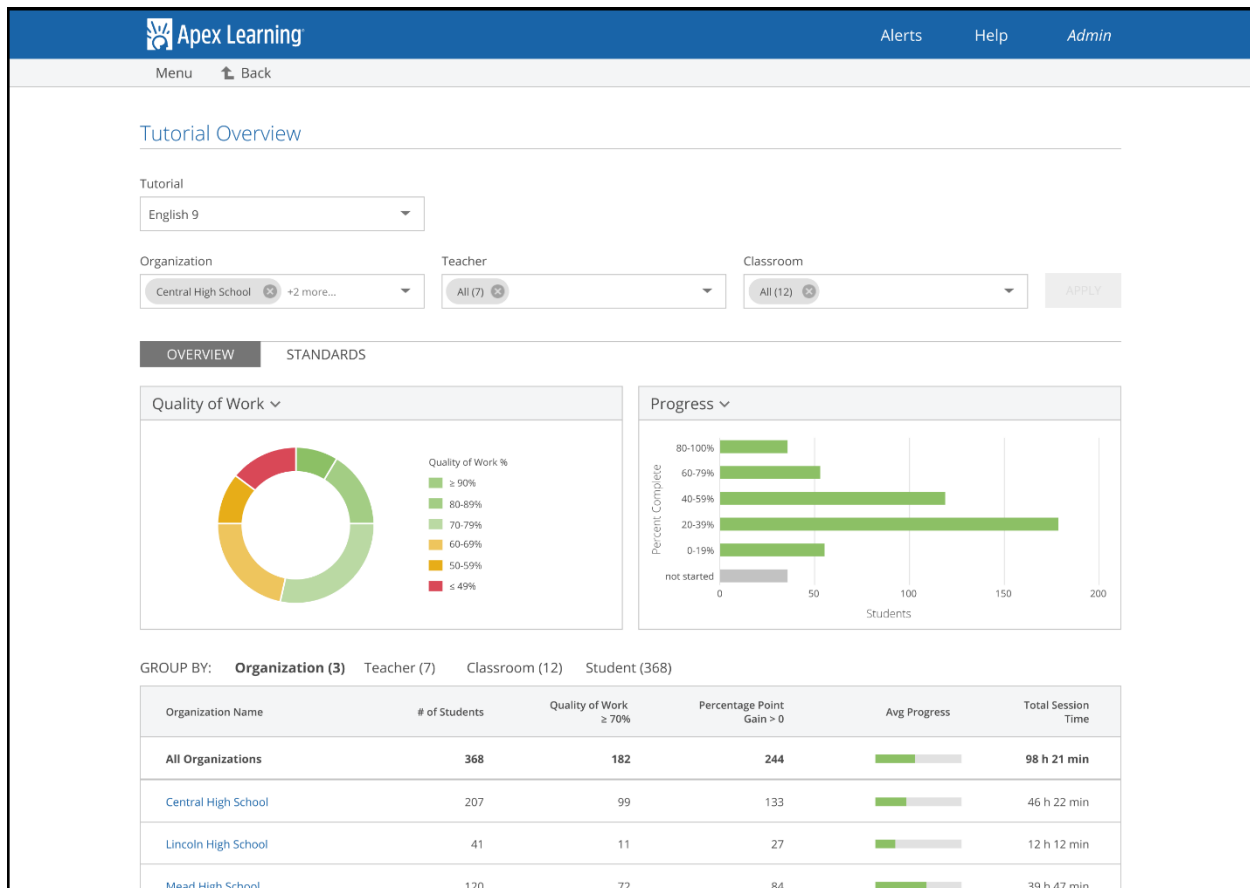
Administrator and Teacher Reports

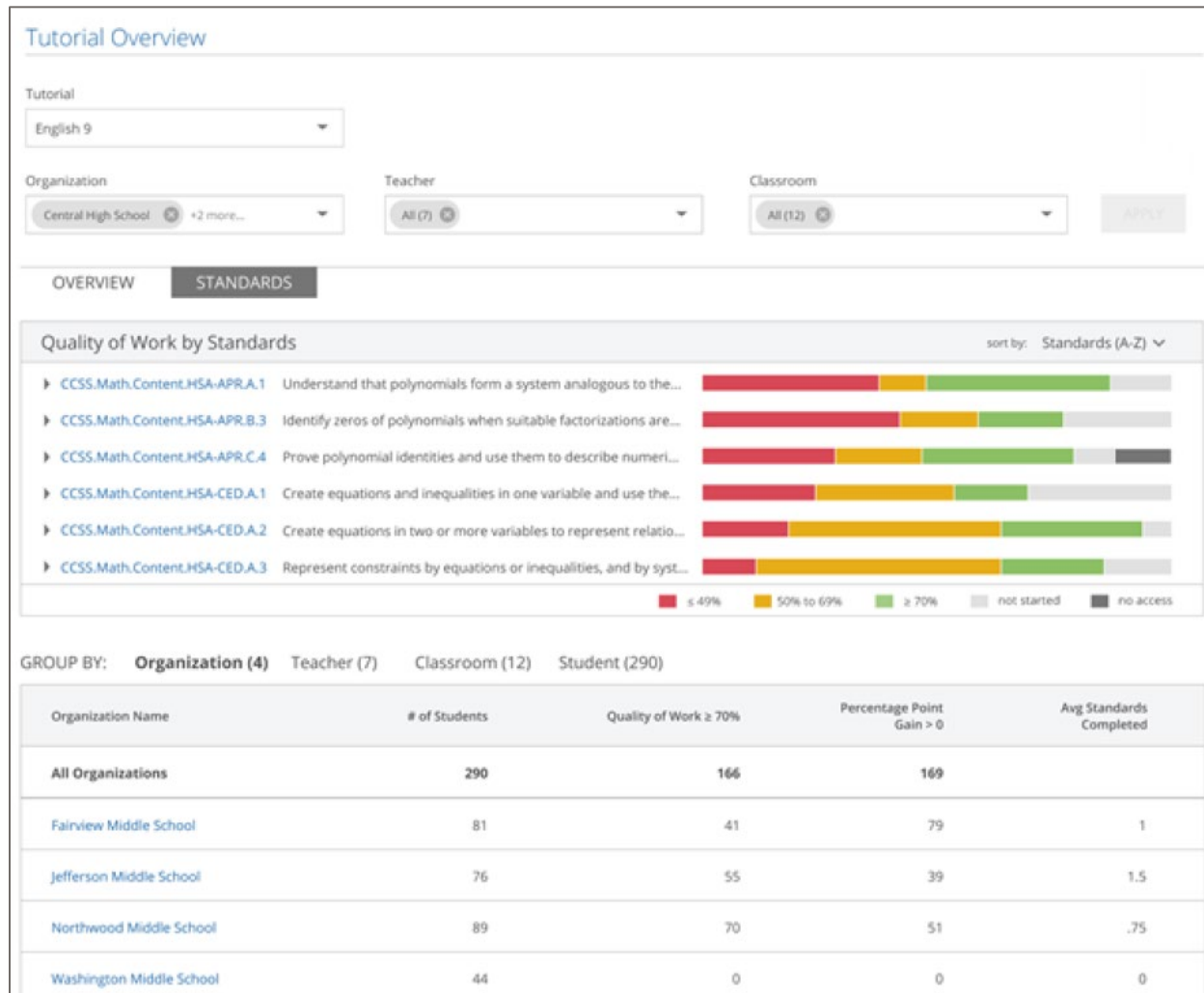## Administrators Tutorials Overview

Administrator view data and reporting provides aggregated data and implementation insights for administrators. With this report, administrators can:

- Specify subjects so data is relevant and actionable
- Filter data as broadly or as narrowly as needed to answer pressing questions
- Drill down to view data by topic, supporting topic, and standard to identify strengths and struggles, and refine the implementation to best support student learning
- Access at-a-glance insights around Tutorials usage, including student performance, supporting topics, gain, and progress
- Easily aggregate data to varying levels in order to make quick comparisons across schools, teachers, and classrooms

Overview

View by Standards

Tutorial Overview

Tutorial

| English 9 ▼ |

Organization	Teacher	Classroom	
Central High School ⊗ +2 more... ▼	All (7) ⊗ ▼	All (12) ⊗ ▼	APPLY

OVERVIEW **STANDARDS**

Quality of Work by Standards   sort by: Standards (A-Z) ▼

▶ CCSS.Math.Content.HSA-APR.A.1   Understand that polynomials form a system analogous to the...
▶ CCSS.Math.Content.HSA-APR.B.3   Identify zeros of polynomials when suitable factorizations are...
▶ CCSS.Math.Content.HSA-APR.C.4   Prove polynomial identities and use them to describe numeri...
▶ CCSS.Math.Content.HSA-CED.A.1   Create equations and inequalities in one variable and use the...
▶ CCSS.Math.Content.HSA-CED.A.2   Create equations in two or more variables to represent relatio...
▶ CCSS.Math.Content.HSA-CED.A.3   Represent constraints by equations or inequalities, and by syst...

🟥 ≤ 49%   🟧 50% to 69%   🟩 ≥ 70%   ⬜ not started   ⬛ no access

GROUP BY: **Organization (4)**   Teacher (7)   Classroom (12)   Student (290)

Organization Name	# of Students	Quality of Work ≥ 70%	Percentage Point Gain > 0	Avg Standards Completed
All Organizations	290	166	169	
Fairview Middle School	81	41	79	1
Jefferson Middle School	76	55	39	1.5
Northwood Middle School	89	70	51	.75
Washington Middle School	44	0	0	0

Progress and Performance Data

Tutorials provide teachers and administrators with the data they need to monitor progress and performance in real time. Progress and performance is easily viewed from the dashboard and can be sorted by state standard(s), by Tutorials units and modules or for an entire class or for individual students.

Performance on Standards

On the Standards tab, a dynamic real-time data display provides at-a-glance updates on student progress and performance by standard. The green bar represents students who completed the standard at or above 70 percent. The red bar represents who completed the standard with a quality of work below 70 percent. The gray bar represents students who have not yet completed the standard.
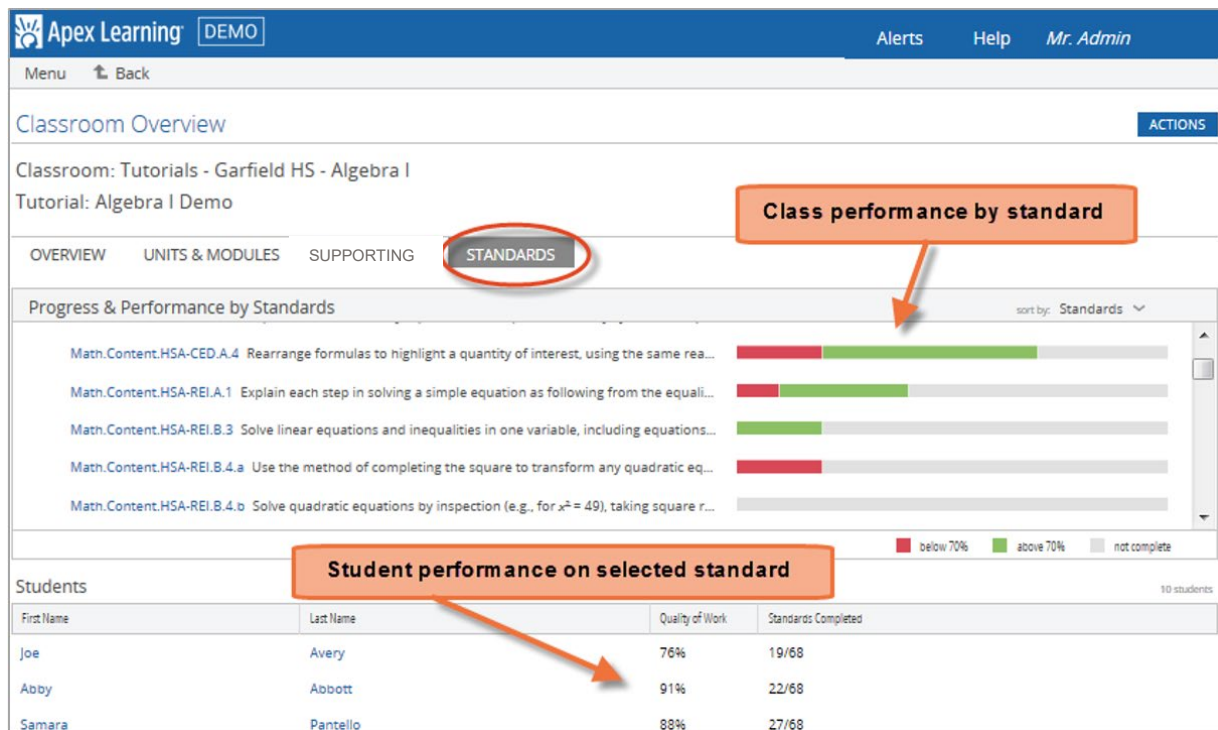
Teachers can monitor student performance by standard by selecting a colored bar to select the student list. Use this information to make instructional decisions on the spot, perhaps offering intervention to the struggling students in the red and allowing the students in the green to move on to a different module.
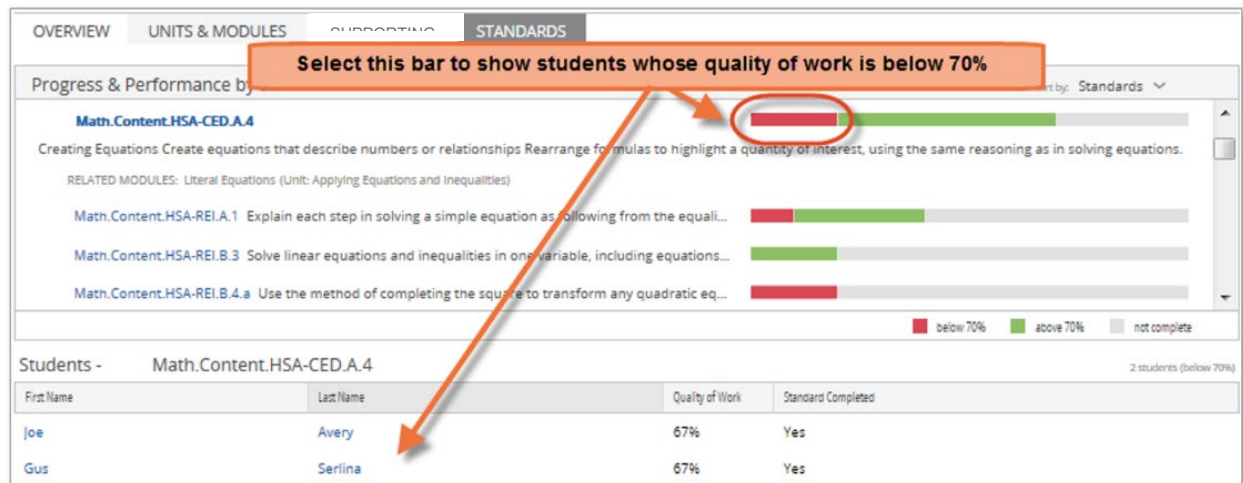
Classroom Overview

The Classroom Overview provides immediate visibility into progress and performance for an entire class as shown below.

The **Quality of Work** chart represents the quality of work score for all completed grade-level modules in the Tutorial.

The **Percent Complete** chart represents the percentage of modules completed. Quickly see how many enrollments have not started and the number of enrollments that have completed 0–29 percent, 30–59 percent, 60–89 percent, and 90 percent or higher.

Clicking any portion of either charts on the Overview page will filter the information to include only those students in that category.
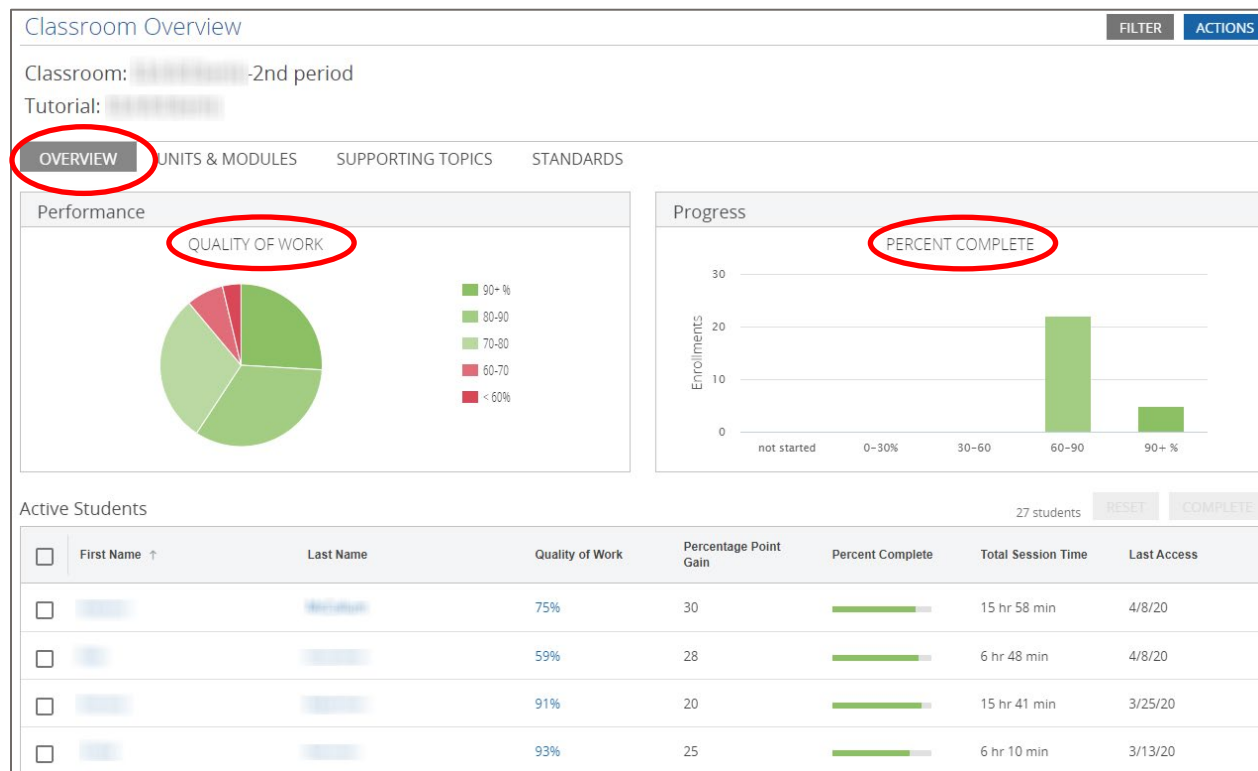
The **Active Students** list on the bottom of the Classroom Overview screen shows individual student data including:

- How well they are doing—Quality of Work
- How far along they are—Percent Complete
- How much time they have spent—Total Session Time
- When they last accessed the Tutorial—Last Access

Just as with the Overview page, clicking any area of the active students list will filter the information to include only those students in that category. Teachers can filter to see those who haven't started, by performance level and more.

	First Name	Last Name	Quality of Work	Percent Complete	Total Session Time	Last Access
☐	Joe	Avery	76%		57 min	5/2
☐	Abby	Abbott	91%		9 hr 34 min	12/16
☐	Samara	Pantello	88%		3 hr 39 min	10/10

Time and Performance Report

The Time and Performance Report provides valuable insight into student work, based on a date range, for each student in a classroom. For each student, the report indicates time spent in each component of the module, assessment scores, and amount of growth.

With this report, teachers gain insight into how students are using Tutorials and can gauge student growth on grade-level and prerequisite skills over a time period of their choosing, providing data to inform whole-class and small-group instruction. Teachers can also use report data, if desired, to assign daily or weekly grades for students.

The report is accessible from the Tutorials dashboard and includes data on session time and assessments performance, based on a date range, for each student in a classroom. The report also indicates time spent in each component of the module and percentage of growth.

Student Name	Unit Name	Module or Assessment Name	Pretest Score	Test It Score	Posttest Score	Percentage Point Gain
Corbell, Delia	Elements of Literature I	Imagery	50%	100%	100%	50%
Corbell, Delia	Elements of Literature I	Figurative Language	33%	67%	67%	33%
Corbell, Delia	Elements of Literature I	Theme	33%	100%	100%	67%
Dimauro, Dona	Elements of Literature I	Imagery	33%	100%	100%	67%
Dimauro, Dona	Elements of Literature I	Figurative Language	67%	67%	67%	67%

| Module or Assessment Name	Time: Learn It	Time: Try It	Time: Review It	Time: Test It	Module Session Time
Imagery	00:18:02	00:06:07	00:05:22	00:05:05	00:34:36
Figurative Language	00:11:02	00:08:46	00:07:32	00:15:02	00:42:22
Theme	00:03:21	00:11:16	00:09:03	00:14:09	00:37:49

Enrollment Overview

The Enrollment Overview provides detailed progress data for the selected Tutorial and student.

The Enrollment Overview details a student's Quality of Work for unit pretests, unit posttests, and module-level Test It activities.

Performance on Units and Modules

Similarly, performance for each unit and module can be viewed for an entire class or for individual students. Teachers can view overall student performance on the progress and performance graph; this data can also be sorted and filtered by selecting a supporting topic and filter between students who scored below and above a 70 percent average.
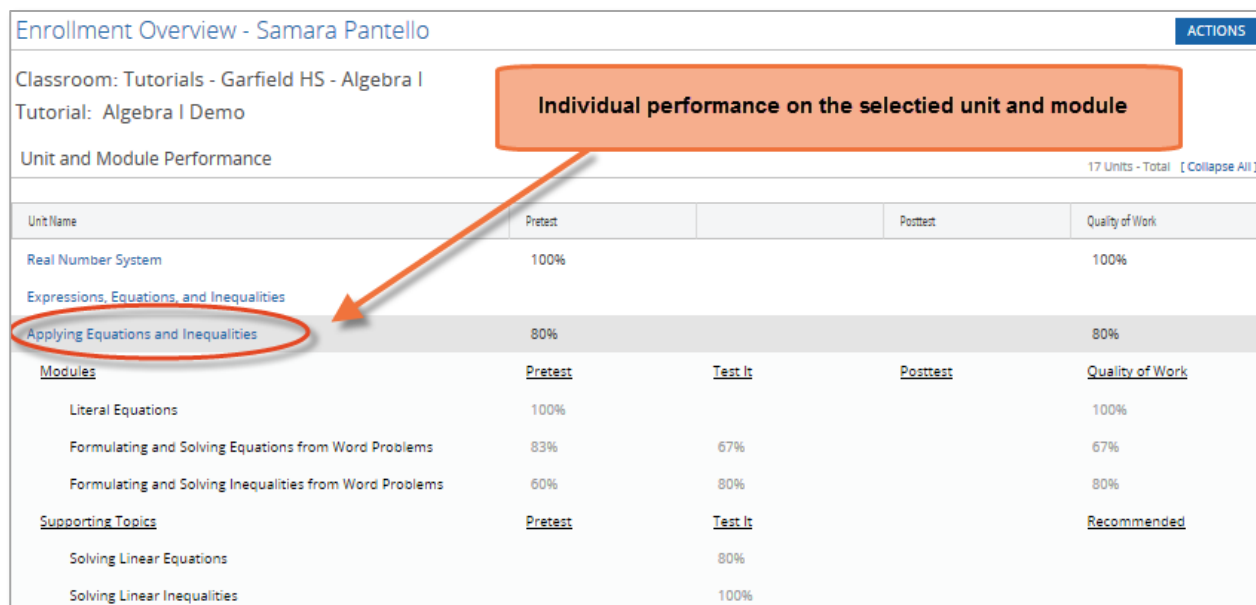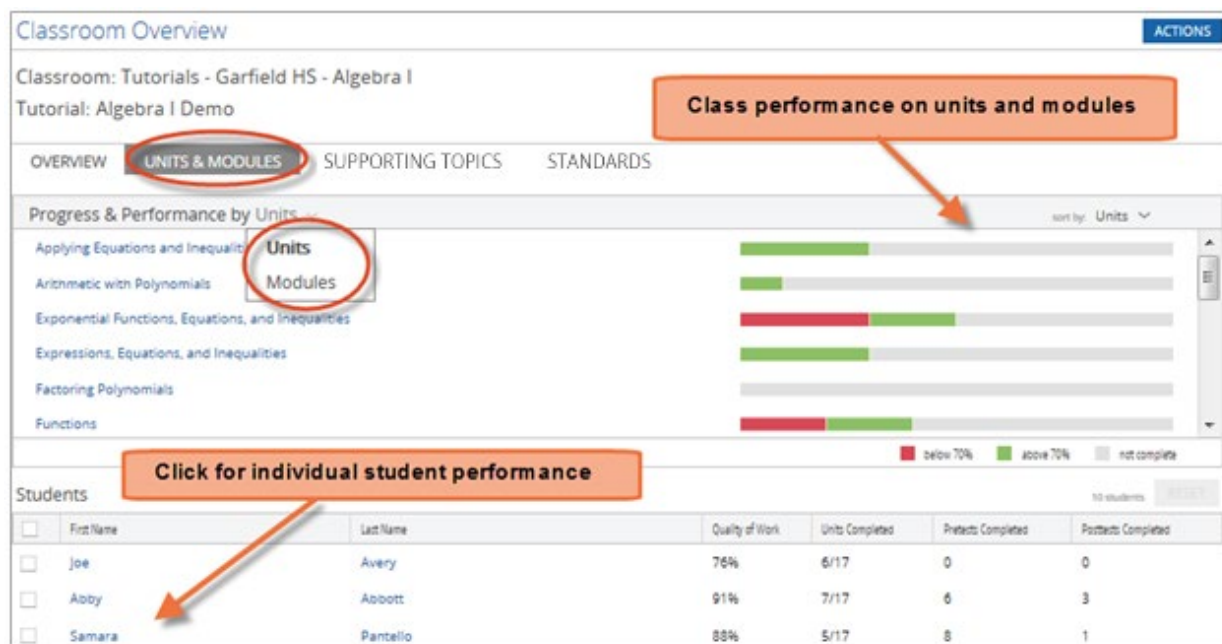
A teacher can drill down further, by clicking on a unit, to see the results of a student's **pretest**, **posttest** and **Test It** scores. In addition to performance on grade-level modules, a teacher can also view student performance on supporting topics, which are additional modules containing prerequisite concepts needed to attain mastery of grade-level subject material.

Performance on Supporting Topics

The Supporting Topics tab shows performance on related modules that are supporting topics for the grade-level Tutorial. Tutorials provide critical support for students who struggle with grade-level content due to learning gaps. An individualized learning path, determined when a student completes a unit pretest, focuses instruction by identifying and remediating gaps in prerequisite skills. Teachers can view overall student performance on the progress and performance graph; this data can be sorted and filtered by selecting a supporting topic and filter between students who scored below and above a 70 percent average. Teachers can use this information to further pinpoint problem areas where students might need additional attention.
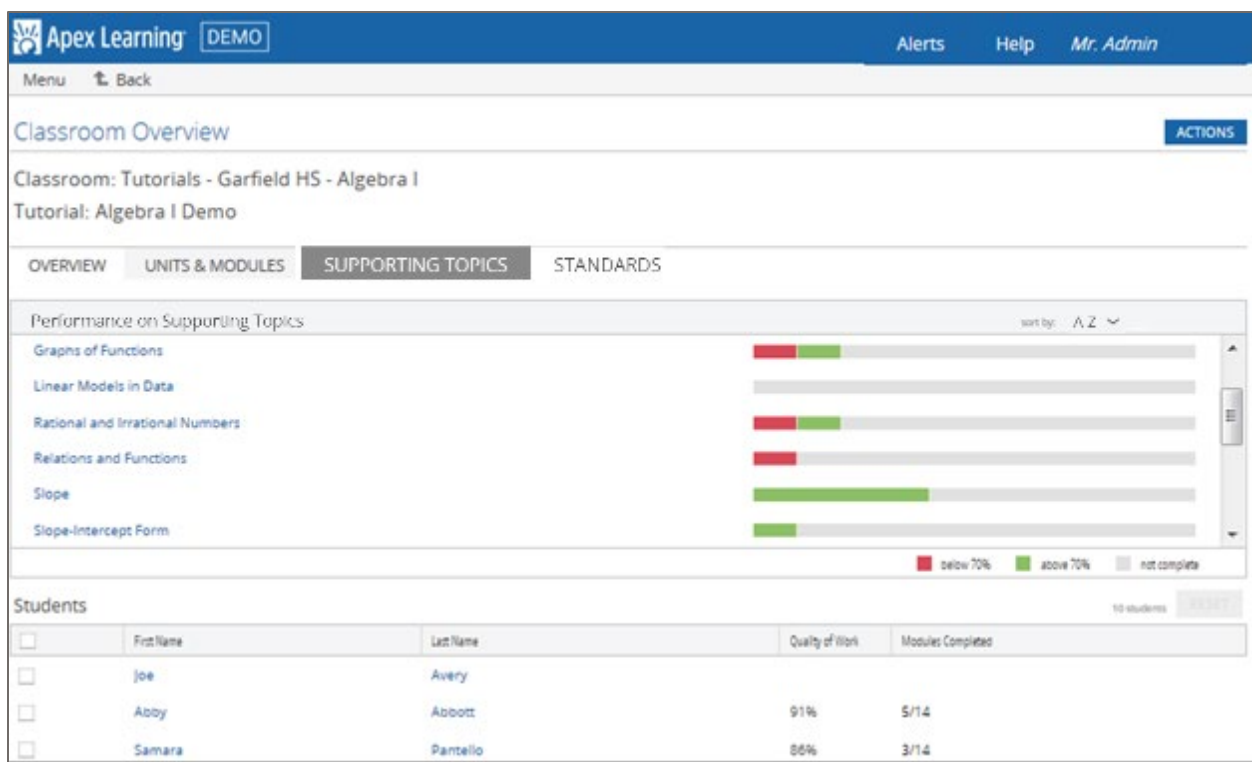
Utilization Data

Staff, as well as district and school administrators, have ready access to utilization data. Usage Reports display Overall Usage by default; this is data about all organizations in your implementation.

The Overall Usage chart shows the number of: students, the number of enrollments, and the number of enrollments accessed. This data can be sorted by clicking these column headings.
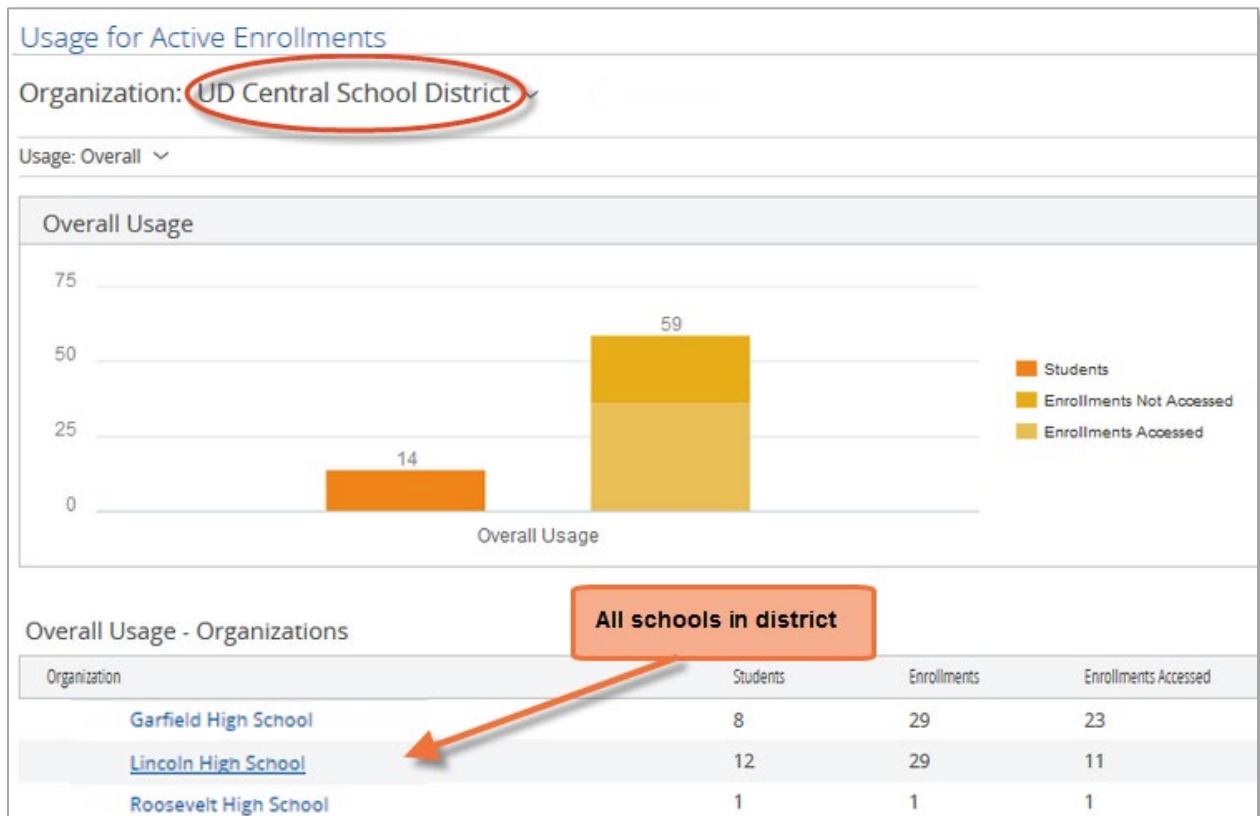
Usage by Solution

Toggle to Usage by Solution and select a solution such as Courses or Tutorials to see the number of students and enrollments by subject area.
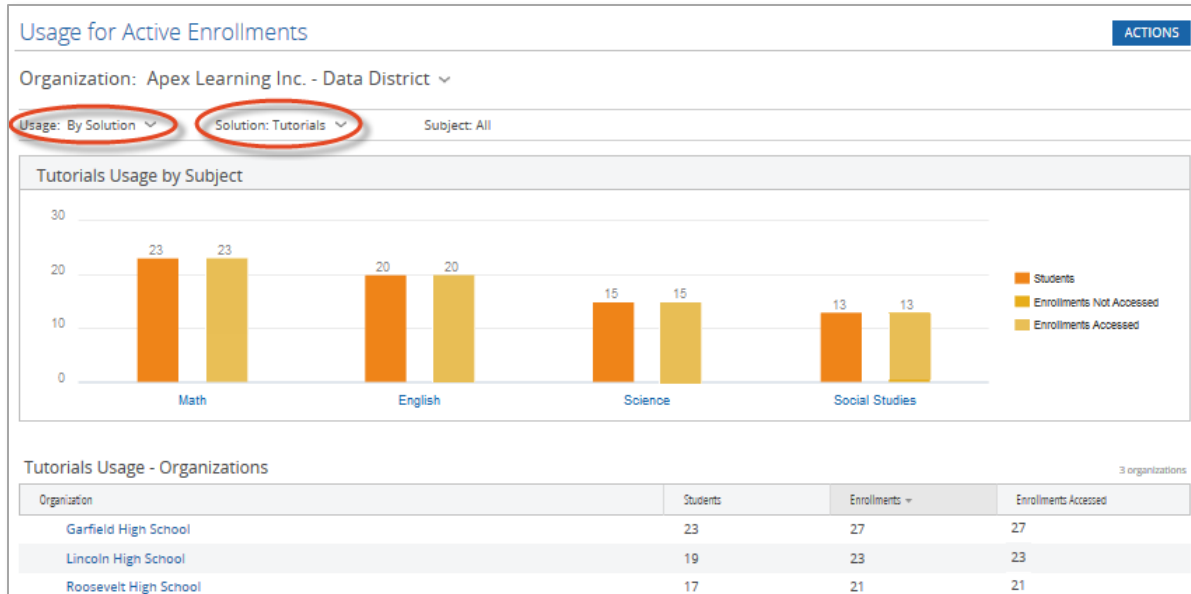
Organizations

Drill down to individual organizations to see overall usage at that specific location.
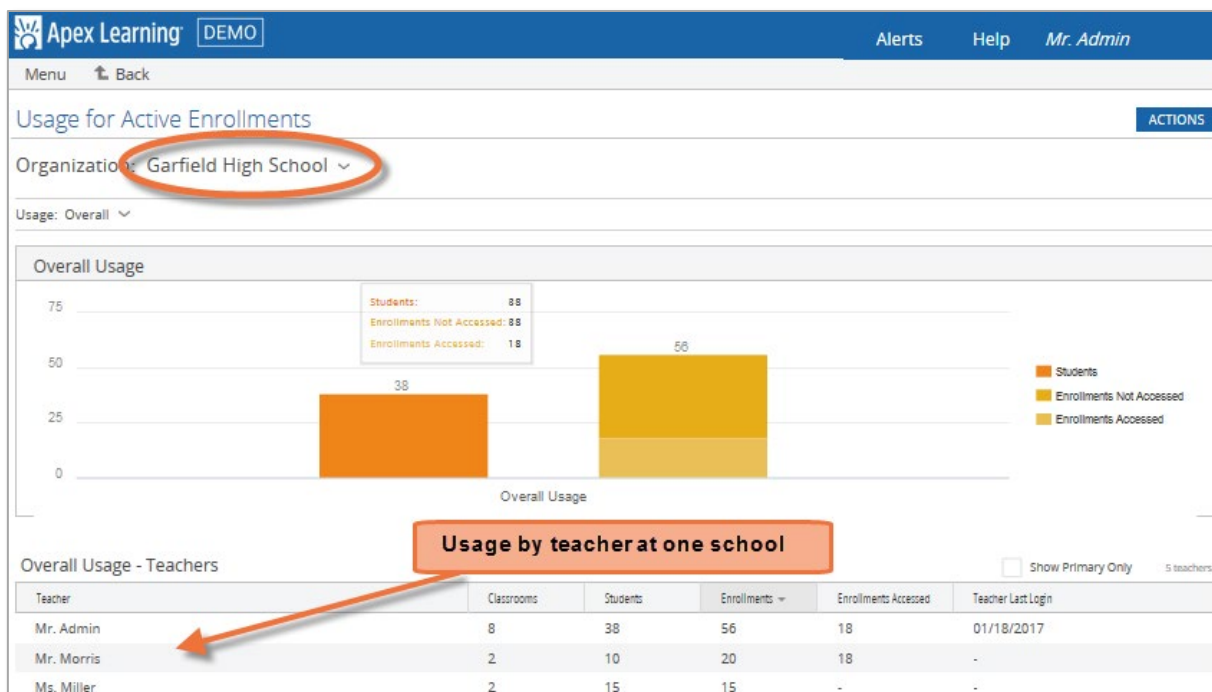
Users can also view usage by solution and the following teacher metrics for that organization:

- Classrooms
- Students
- Enrollments
- Enrollments accessed
- Last login
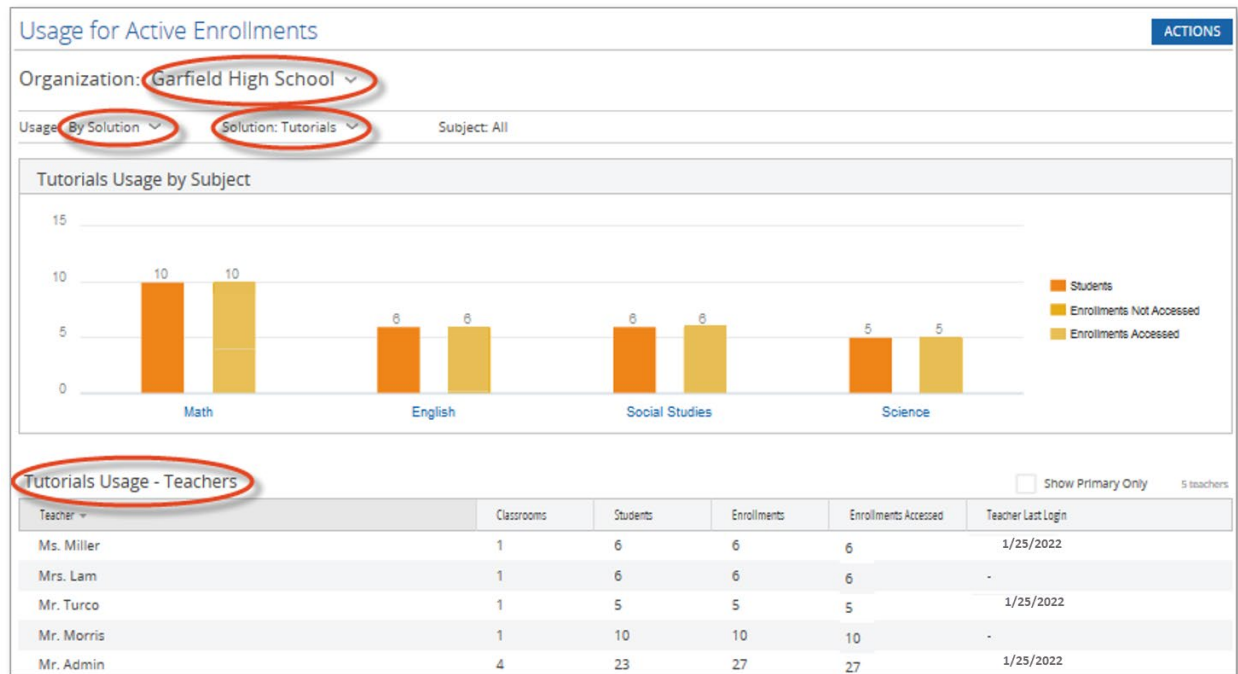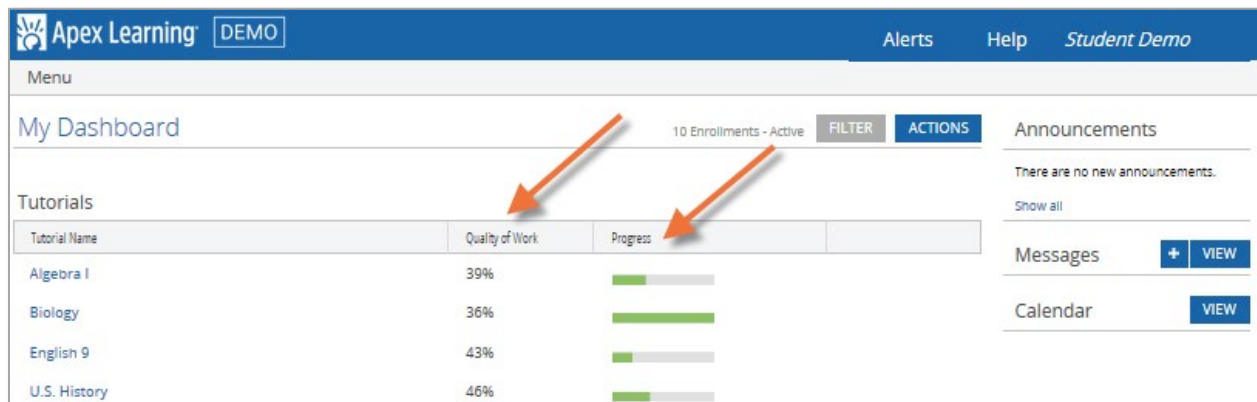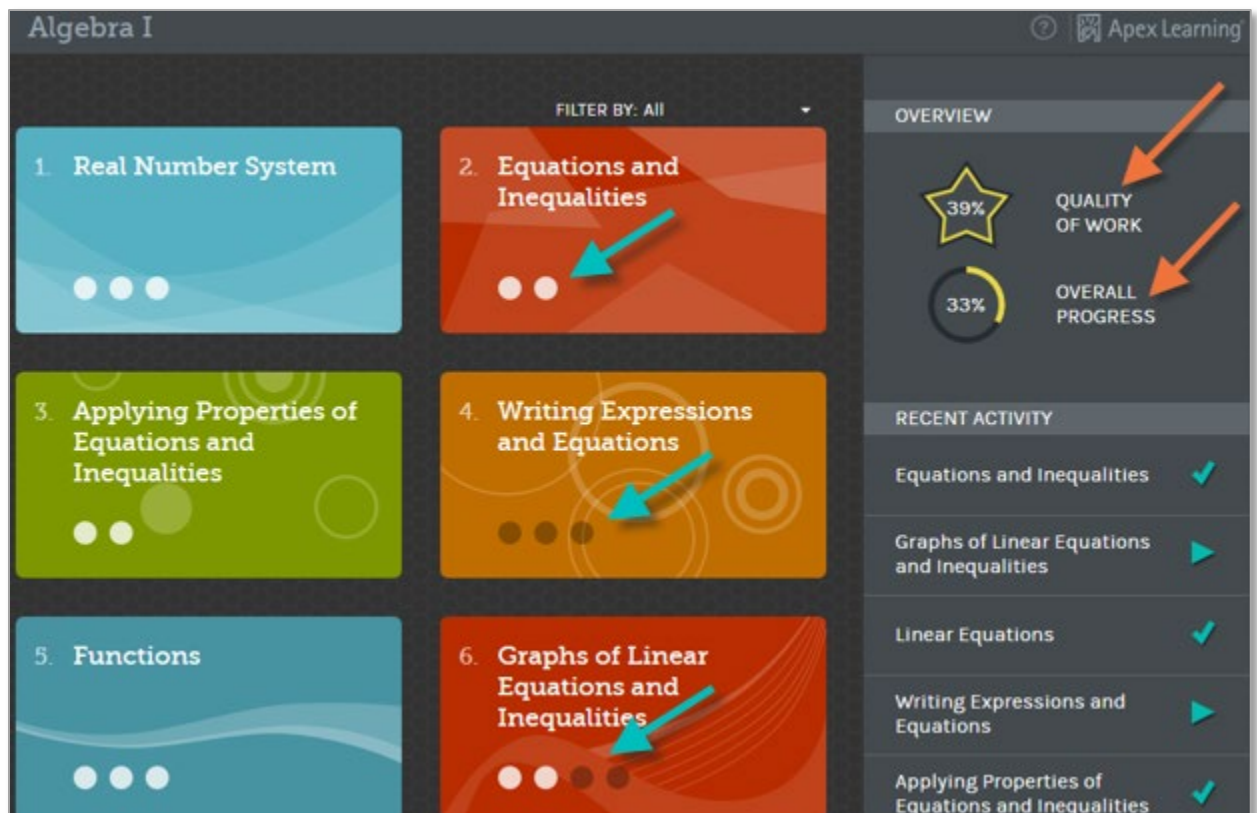
Student Reports

Tutorials progress and performance data shows students where they are in their learning and what they should do next.

Once a student starts completing modules in a Tutorial, a progress bar will appear on the My Dashboard screen, on the upper right-hand corner of the Tutorial landing page, and white circles indicate progress by unit progress. On these same pages, students can also see their **Quality of Work** which represents their average score for all assessments attempted so far.
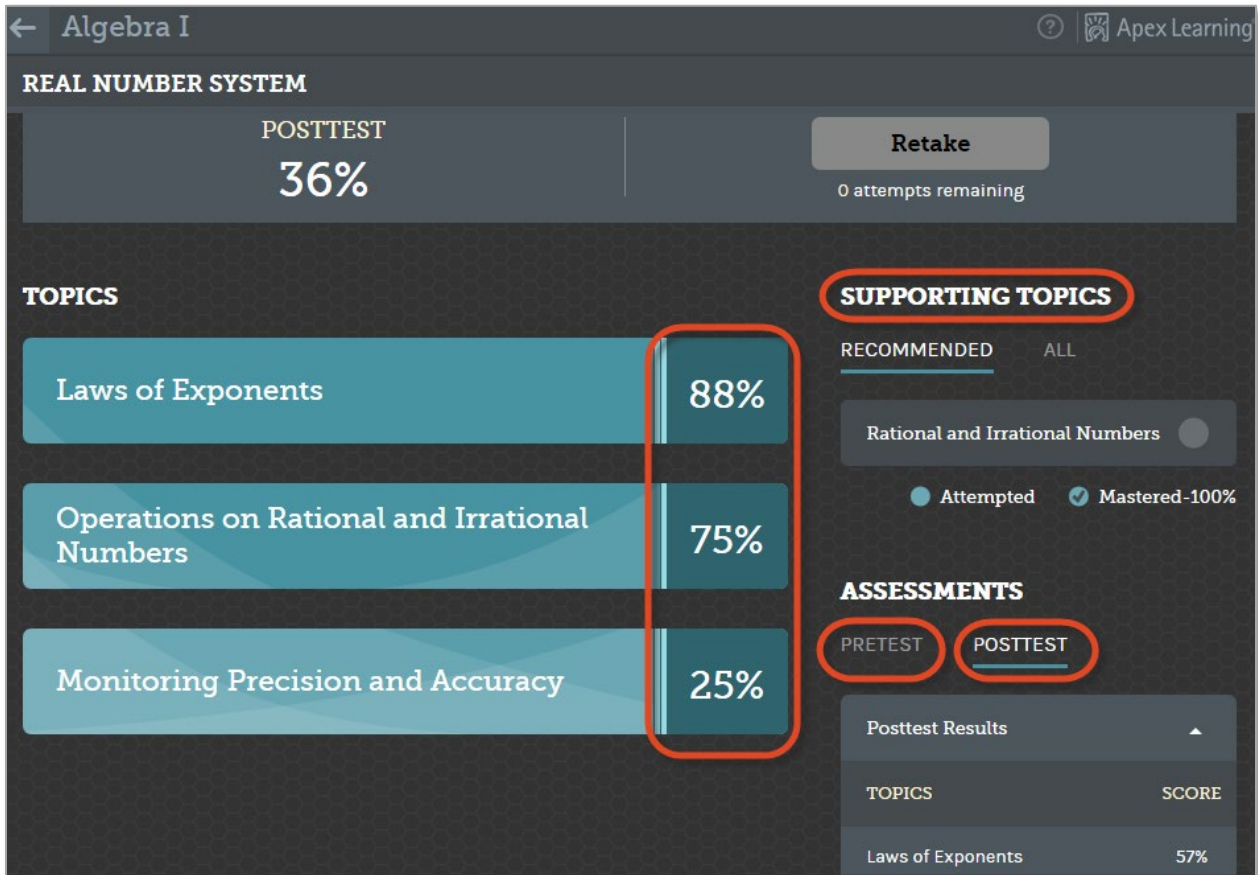
After completing a pretest, the unit landing page will show pretest results and how they scored on each corresponding topic within that unit. Test It scores, supporting topics, and pretest and posttest results are accessed from the unit landing page.