

8th Grade Year at a Glance

Course # [1205070](#)

CPALMS link to Benchmarks : <https://www.cpalms.org/PreviewCourse/Preview/17783>

Please Note: All standards in the state course description are designed to be learned by the end of the course. This guide represents recommended timeline and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will be addressed in a specific course are best answered by the individual teacher.

Instructional Resource: Florida Reveal, McGraw-Hill (students have access thru their classlink account)

In 8th Grade, instructional time will emphasize six areas:

- (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which includes irrational numbers
- (2) generate equivalent numeric and algebraic expressions including using the Laws of Exponents
- (3) creating and reasoning about linear relationships including modeling an association in bivariate data with a linear equation
- (4) solving linear equations, inequalities and systems of linear equations
- (5) developing an understanding of the concept of a function
- (6) analyzing two-dimensional figures, particularly triangles, using distance, angle and applying the Pythagorean Theorem.

Estimated Pacing:

Quarter 1	Quarter 2
Module 1-Exponents & Scientific Notation Module 2-Real Numbers Module 3-Multi-Step Equations & Inequalities	Module 3-Multi-Step Equations & Inequalities (cont'd) Module 4-Linear Relationships & Slope Module 5-Functions
Quarter 3	Quarter 4
Module 6-Systems of Linear Equations Module 7-Angles, Triangles and the Pythagorean Theorem Module 8-Transformations, Congruence, and Similarity	Module 8-Transformations, Congruence, and Similarity (cont'd) Module 9-Bivariate Data Module 10-Probability