

Algebra Year at a Glance

Course #1200310

CPALMS link to Benchmarks : <https://www.cpalms.org/PreviewCourse/Preview/20363>

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 Algebra, instructional time will emphasize five areas:

- (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents
- (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships
- (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables
- (4) building functions, identifying their key features and representing them in various ways
- (5) representing and interpreting categorical and numerical data with one and two variables.

Estimated Pacing:

| Quarter 1 | Quarter 2 |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Chapter 1-Writing and Solving Equations Chapter 2-Graphs and Functions Chapter 3-Linear and Absolute Value Functions | Chapter 4-Equations and Linear Functions Chapter 5-Linear Inequalities Chapter 6-Systems of Linear Equations and Inequalities |
| Quarter 3 | Quarter 4 |
| Chapter 7-Exponents and Roots Chapter 8-Exponential Functions Chapter 9-Polynomials | Chapter 10-Quadratic Functions Chapter 11-Represent and Interpret Data |