



## Algebra 1 Year at a Glance

### Scope and Sequence 2026-2027

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

### Course Resources

#### Publisher Resource:

[Florida Reveal, McGraw-Hill](#) (Clever – use your active directory; does not support Internet Explorer)

#### Supplemental Resources:

[Khan Academy](#) (Algebra 1; does not support Internet Explorer)

[Illustrative Mathematics](#) (Algebra 1; does not support Internet Explorer)

### In Algebra 1, 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.



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| Quarter 1 (August 10 – October 9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quarter 2 (October 13 – December 18)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <p><b>Module 1: Writing and Solving Equations</b><br/>Students will write, interpret, and solve equations in real-world contexts. Students will utilize models and visual strategies for engaging in multi-step and absolute value equations.</p> <p><b>Module 2: Graphs and Functions</b><br/>Students will explore the meaning of functions and their representations using graphs, tables, equations, and written descriptions. Instruction includes continuity, linear functions, and nonlinear functions.</p> <p><b>Module 3: Linear and Absolute Value Functions</b><br/>Students will build on what they know about linear and absolute value equations in contexts of functions, exploring their graphs, key features, transformations, and applications.</p> | <p><b>Module 4: Equations of Linear Functions</b><br/>Students will make use of a variety of forms and representations when modeling and applying equations of linear functions. Instruction includes scatter plots, lines of best fit, and correlation and causation.</p> <p><b>Module 5: Linear Inequalities</b><br/>Students extend their understanding of equations to include inequalities. Instruction includes solving and graphing simple, compound, and absolute value inequalities.</p> <p><b>Module 6: Systems of Linear Equations and Inequalities</b><br/>Students explore a variety of strategies for writing, solving, and interpreting systems of equations, including graphing systems and solving systems of inequalities.</p> <p><b>Module 7: Exponents and Roots</b><br/>Students will apply properties of exponents in evaluating rational exponents, simplifying radical expressions, and identifying equivalent rational expressions.</p> |



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| Quarter 3 (January 5 – March 11)                                                                                                                                                                                                                                                                                                                                                                                       | Quarter 4 (March 22 – May 28)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p><b>Module 9: Polynomials</b><br/>Students will perform operations with polynomials, including the use of Algebra Tiles for distributive property and factoring.</p> <p><b>Module 10: Quadratic Functions</b><br/>Students will graph, solve, interpret, and model quadratic functions using a variety of strategies. Instruction includes transformations, factoring, completing the square, and curve fitting.</p> | <p><b>Module 8: Exponential Functions</b><br/>Students will explore exponential functions, including the interpretation of their graphs, writing their equations with and without transformations, and interpreting compound interest.</p> <p><b>Module 11: Represent and Interpret Data</b><br/>Students will interpret, analyze, model, and represent univariate and bivariate data using a variety of representations, including frequency tables and box plots.</p> <p><b>EOC Review</b><br/>Students will spend time reviewing and preparing for their Algebra 1 EOC. Passing this assessment is required for graduation.</p> |