



Algebra 1A 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](#) (Schoology) (used in conjunction with Algebra 1 course)

Supplemental Resources:

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

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

In Algebra 1A, instructional time will emphasize four areas:

- (1) Extending understanding of functions to linear functions and using them to model and analyze real-world relationships
- (2) Solving linear equations and inequalities in one variable and systems of linear equations and inequalities in two variables
- (3) Building linear functions, identifying their key features and representing them in various ways
- (4) 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)
Unit 1: Foundations Students will strengthen prerequisite skills needed for success in Algebra 1, including operations with rational numbers, order of operations, expressions, ratios, proportions, and integer operations. Instruction emphasizes mathematical reasoning, precision, and the use of multiple representations while addressing unfinished learning from previous grade levels. Unit 2: Equations Students will write, interpret, and solve one- and two-step equations and inequalities in real-world contexts. Instruction focuses on building conceptual understanding of equality, inverse operations, and multi-step problem solving while reinforcing foundational number sense and algebraic reasoning skills.	Unit 3: Linear Functions Students will explore relationships between variables using tables, graphs, verbal descriptions, and equations. Instruction includes identifying functions, interpreting rates of change, graphing linear relationships, and connecting multiple representations while strengthening coordinate plane and graphing skills. Unit 4: Systems of Equations Students will model and solve systems of linear equations using tables, graphs, and algebraic methods. Instruction focuses on analyzing solutions within real-world contexts and developing problem-solving strategies through multiple representations. Unit 5: Absolute Value Students will investigate absolute value as a measure of distance and apply this understanding to equations and inequalities. Instruction includes graphing, solving, and interpreting absolute value relationships while reinforcing integer operations and number line concepts.



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Quarter 3 (January 5 – March 11)	Quarter 4 (March 22 – May 28)
Unit 6: Polynomials Students will extend their understanding of algebraic expressions by identifying, simplifying, and performing operations with polynomials. Instruction emphasizes the use of models and visual representations to develop conceptual understanding of combining like terms, distributive property, and polynomial operations.	Unit 9: Data Displays Students will collect, organize, represent, and interpret numerical and categorical data using a variety of graphical displays. Instruction focuses on analyzing distributions, identifying trends and patterns, comparing data sets, and drawing conclusions from real-world data while strengthening statistical reasoning and communication.
Unit 7: Basic Factoring and Roots Students will explore factors, multiples, square roots, and perfect squares as they build foundations for quadratic relationships. Instruction includes recognizing patterns, simplifying radical expressions, and connecting area models to algebraic representations.	Unit 10: Real-World Applications of Functions Students will analyze and model real-world situations using linear, quadratic, and exponential functions. Instruction focuses on selecting appropriate function types, interpreting key features of graphs and equations, making predictions, and evaluating the reasonableness of solutions in contextual situations.
Unit 8: Factoring Quadratics Students will apply factoring strategies to rewrite and solve quadratic expressions and equations. Instruction focuses on identifying common factors, factoring simple trinomials, and connecting factored forms to graphical and contextual representations of quadratic relationships.	EOC Review Students will review major Algebra 1 concepts and benchmarks through targeted intervention, practice, and problem-solving activities. Instruction will focus on strengthening prerequisite skills, addressing learning gaps, and preparing students for success on the Florida Algebra 1 End-of-Course Assessment.