Year at a Glance

Algebra 1A

Course Number 1200370

Course Description:

In Algebra 1-A, 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 and (4) representing and interpreting categorical and numerical data with one and two variables.

From CPALMS

Textbook Publisher:

Florida Reveal Algebra 1A, McGraw Hill (Students have online access through My.Sarasotacountyschols.net)

Standards:

Available on CPalms: Algebra 1A

Available on Florida Department of Education: Algebra 1A

Assessment Dates:

AP1- November 13-17

AP2- February 29-March 7

Quarter 1	**Unit 1: Writing and Solving Equations**	1-1 Writing and Interpreting Equations 1-2 Solving Multi-Step Equations 1-3 Solving Equations with the Variable on Each Side 1-4 Solving Equations Using Absolute Value 1-5 Solving Proportions 1-6 Rearranging Formulas
Quarter 2	**Unit 2: Linear Inequalities**	5-1 Solving One-Step Inequalities 5-2 Solving Multi-Step Inequalities 5-3 Solving Compound Inequalities
	Unit 3: Graphs and Functions	2-1 Functions 2-2 Linearity and Continuity of Graphs 2-3 Intercepts of Graphs 2-4 Shapes of Graphs 2-5 Sketching Graphs and Comparing Functions
Quarter 3	**Unit 4: Linear and Absolute Value Functions**	3-1 Graphing Linear Functions 3-2 Rate of Change and Slope 3-3 Slope-Intercept Form 3-4 Transformations of Linear Functions
	Unit 5: Equations of Linear Functions	4-1 Writing Equations in Slope-Intercept Form 4-2 Writing Equations in Standard and Point-Slope Forms 4-3 Scatter Plots and Lines of Fit 4-4 Correlation and Causation
Quarter 4	**Unit 6: Systems of Linear Equations and Inequalities**	6-1 Solving Systems of Equations by Graphing 6-2 Substitution 6-3 Elimination Using Addition and Subtraction 6-4 Elimination Using Multiplication 6-5 Systems of Inequalities 5-5 Graphing Inequalities in Two Variables

Please Note:
- Teachers may use additional resources as noted on an individual teacher's syllabus. For specific questions regarding individual classrooms please contact the teacher for clarification.
- This guide represents a recommended sequence that can be used voluntarily by teachers. Dates may vary depending on individual classrooms. For specific questions regarding pacing please contact the individual teacher for clarification.
- **Graduation Requirements:** Students earning a standard high school diploma must earn at least one math credit in Algebra 1 or an equivalent course. The student must also pass the FSA Algebra 1 End of Course Exam (EOC) or earn a concordant score. More information on graduation requirements and concordant scores can be found here: Graduation Requirements for Florida's Statewide Assessments.