



Franklin County School

Algebra I

Textbook: Florida Reveal Math (McGraw-Hill)

Course Code: 1200310

Semester 1 Instructional Units & Standards Focus	
Quarter 1	Quarter 2
Module 1: Writing and Solving Equations 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. MA.912.AR.1.2, MA.912.AR.2.1, MA.912.AR.4.1, MA.912.DP.1.4	Module 4: Equations and Linear Functions 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. MA.912.AR.2.2, MA.912.AR.2.3, MA.912.AR.2.5, MA.912.DP.1.3, MA.912.DP.23.4, MA.912.DP.2.5, MA.912.DP.2.6
Module 2: Graphs and Functions 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. MA.912.AR.2.5, MA.912.F.1.1, MA.912.F.1.2, MA.912.F.1.5, MA.912.F.1.6	Module 5: Linear Inequalities Students will extend their understanding of equations to include inequalities. Instruction includes solving and graphing simple and compound inequalities MA.912.AR.2.6, MA.912.AR.2.7, MA.912.AR.2.8,
Module 3: Linear and Absolute Value Functions Students will build on what they know about linear and absolute value equations in context of functions, exploring their graphs, key features, transformations, and applications. MA.912.AR.2.2, MA.912.AR.2.4, MA.912.AR.2.5, MA.912.AR.4.3, MA.912.F.1.3, MA.912.F.2.1, MA.912.F.3.2, MA.912.FL.3.4	Module 6: Systems of Linear Equations and Inequalities Students will explore a variety of strategies for writing, solving, and interpreting systems of equations, including graphing systems and solving systems of inequalities. MA.912.AR.2.7, MA.912.AR.2.8, MA.912.AR.9.1, MA.912.AR.9.4, MA.912.AR.9.6
	Module 7: Exponents and Roots Students will apply properties of exponents in evaluating rational exponents, simplifying radical expressions, and identifying equivalent rational expressions.



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	MA.912.NSO.1.1, MA.912.NSO.1.2, MA.912.NSO.1.4
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Semester 2 Instructional Units & Standards Focus	
Quarter 3	Quarter 4
Module 9: Polynomials Students will perform operations with polynomials, including the use of Algebra Tiles for distributive property and factoring. MA.912.AR.1.1, MA.912.AR.1.3, MA.912.AR.1.4, MA.912.AR.1.7, MA.912.F.1.1, MA.912.F.1.6, MA.912.F.3.2, MA.912.F.3.4	Module 8: Exponential Functions Students will explore exponential functions, including the interpretation of their graphs, writing their equations with and without transformations, and interpreting compound interest. MA.912.AR.1.1, MA.912.AR.5.3, MA.912.AR.5.4, MA.912.AR.5.6, MA.912.F.1.1, MA.912.F.1.6, MA.912.F.3.2, MA.912.F.3.4
Module 10: Quadratic Functions Students will graph, solve, interpret, and model quadratic functions using a variety of strategies. Instruction includes transformations, factoring, completing the square, and curve fitting. MA.912.AR.1.1, MA.912.AR.3.1, MA.912.AR.3.4, MA.912.AR.3.5, MA.912.AR.3.6, MA.912.AR.3.7, MA.912.AR.3.8, MA.912.F.1.1, MA.912.F.1.6, MA.912.F.1.8, MA.912.F.2.1, MA.912.DP.2.9	Module 11 : Represent and Interpret Data Students will interpret, analyze, model, and represent univariate and bivariate data using a variety of representations, including frequency tables and box plots. MA.912.DP.1.1, MA.912.DP.1.2, MA.912.DP.1.3, MA.912.DP.1.4, MA.912.DP.2.4, MA.912.DP.3.1
	EOC Review Students will spend time reviewing and preparing for their Algebra I EOC. Students are required to pass this exam in order to graduate HS.