



Meridian District #15 Curriculum Map

Teacher Name:

Grade:

Subject Area: Appl. Algebra 1



Month	Topic/Content	Skill	Standard	Instruction/Resources	Assessments
August/ Septem ber	Algebra Basics	• Order of Operations & Absolute Value • Evaluating Expressions • Combining Like Terms • Simplifying Expressions (Distribute/Combine) • Solving Two-Step Equations •	N.RN.3 A.SSE.1 A.SSE.2 N.VM.8 A.CED.1 A.REI.1 A.REI.3 A.CED.1 A.REI.1 A.REI.3	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Quiz 1-1 Quiz 1-2 Chapter test
October /Novem ber	Multi-Step Equations and Inequalities	• Multi-Step Equations • Variables on Both Sides • Infinite & No Solution Equations • Algebraic Proportions • Absolute Value Equations • Multi-Variable (Literal) Equations • Word Problems • Multi-Step Inequalities • Compound Inequalities	A.CED.1 A.REI.1 A.REI.3 N.Q.1 A.REI.1 A.REI.3 A.CED.4 A.REI.1 A.REI.3	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Quiz 2-1 Quiz 2-2 Chapter test
	Relations and Functions	• Relations, Functions,	A.REI.10	All Things Algebra	Formative:

November		Range, Relations vs. Functions • Continue Relations • Domain, Range, Functions • Equations as Functions; Graphing by Function Table • Function Notation; Evaluating Functions • Function Notation; Evaluating Functions	F.IF.1 A.SSE.1b F.BF.1a F.IF.2 F.IF.5 F.IF.4 A.CED.2 F.IF.7a N.Q.1	curriculum DeltaMath IXL	Worksheets IXL DeltaMath Summative: Quiz 3-1 Chapter test
December	Direct/Inverse	• Direct Variation • Inverse Variation • Applications	A.CED.2 IF.B.4	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Big quiz
January	Linear Equations	• Slope from a Graph & Slope Formula • Linear Equations: Slope-Intercept Form & Standard Form • Graphing Linear Equations (Using Slope-Intercept Form) • x- and y- Intercepts • Vertical & Horizontal Lines • The Point-Slope Formula (Given Point and Slope) • The Point-Slope	A.CED.2 F.BF.1a F.LE.2 F.LE.5 N.Q.1 S.ID.6 S.ID.7 S.ID.8 S.ID.9 A.CED.2 F.BF.1a F.LE.2 S.ID.7 F.IF.1 A.CED.2 A.CED.3	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Quiz 4-1 Quiz 4-2 Chapter test

		Formula (Given Two Points) • Writing Equations of Lines Review • Parallel and Perpendicular Lines • More with Parallel & Perpendicular Lines (Writing Equations) • Linear Equations Word Problems • Scatter Plots, Line of Best Fit, and Linear Regression	A.CED.4 F.BF.1a F.IF.2 F.IF.7a F.IF.9 F.LE.2 F.LE.5 S.ID.7 F.IF.6		
February y/March	Systems of Equations	• Graphing • Substitution • Elimination • Linear Inequalities • Systems of Linear Inequalities	A.CED.2 A.CED.3 A.REI.6 A.REI.10 A.CED.2 A.CED.3 A.CED.4 A.REI.5 A.REI.6	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Quiz 5-1 Quiz 5-2 Chapter test
April	Polynomials Factoring	• Intro to Polynomials: Classify, Add, Subtract • Multiplying a Monomial and a Polynomial • Multiplying Binomials and Trinomials • Dividing Polynomials by a Monomial • Factoring: GCF • Factoring: Difference	A.APR.1 A.SSE.1a A.APR.1 A.APR.6 A.CED.2 A.SSE.3a	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath Summative: Quiz 7-1 Quiz 7-2 Chapter test

		of Squares - Factoring: Trinomials (a=1) - Factoring: Trinomials (a > 1)			
May	Quadratic Equations	- Introduction to Quadratic Equations (Standard Form, Axis of Symmetry, Vertex, Minimum, Maximum) - Graphing Quadratic Equations - Vertex Form of a Quadratic Equation; Transformations - Quadratic Roots and the Discriminant	A.SSE.1a A.CED.1 A.CED.2 F.IF.2 F.IF.4 F.IF.5 F.IF.7a A.REI.10 F.BF.3 F.IF.7a F.IF.9 A.SSE.1b	All Things Algebra curriculum DeltaMath IXL	Formative: Worksheets IXL DeltaMath