



Meridian District #15 Curriculum Map

Teacher Name: Gatchel
Grade: 10/11
Subject Area: Algebra II



Month	Topic/Content	Skill	Standard	Instruction/Resources	Assessments
Aug/ Sept	Equations and Inequalities	• Solving Equations • Absolute Value Equations • Solving Inequalities • Absolute Value Inequalities	A.CED.1 A.CED.2 A.CED.3 A.CED.4 A.REI.1 A.REI.3 A.REI.5	All Things Algebra Deltamath IXL	Quiz Test Assignments/In Class Work
	Linear Functions and Systems	• Relations vs. Functions • Domain and Range • Evaluating Functions • Linear - Standard Form • Slope-Intercept Form • Graphing Linear Functions • X and Y Intercepts • Point-Slope Form • Two Points (Linear) • Applications • Solve Systems: Graphing • Solve Systems: Substitutions • Solve Systems: Elimination • Solve 3 Variable Systems • Applications	A.REI.6 A.REI.11 A.SSE.1b A.SSE.2 F.IF.1 F.IF.2 F.IF.4 F.IF.5 F.IF.6 F.IF.7a F.IF.7b F.LE.2 S.ID.6a S.ID.6c		

		• Linear Inequalities • Solve Systems of Linear Inequalities			
Oct	Linear Functions and Systems Parent Functions and Transformations	• Linear Inequalities • Solve Systems of Linear Inequalities • Piecewise Functions • Graphing Power Functions • Parent Functions and Transformations • Vertex Form Absolute Value Function • Standard Form Quadratics and Inequalities • Vertex Form Quadratics and Inequalities • End Behavior (and Increasing /decreasing intervals • Families Review	A.CED.2 A.CED.3 A.REI.12 A.SSE.1a A.SSE1b F.BF.1b F.BF.3 F,IF.2 F,IF.4 F,IF.5 F,IF.7a F,IF.7b F,IF.9	All Things Algebra Deltamath Puzzle Books Faceing Math IXL	Quiz Test Assignments/In Class Work
Nov	Quadratic Equations and Complex Numbers	• Solving Quadratics by Graphing • Solving Quadratics by Factoring • Solving Quadratics by Square Roots	A.CED.1 A.CED.2 A.REI.4b A.SSE.1 A.SSE.2 A.SSE.3a F,IF.4 F,IF.5 F,IF.7a F,IF.8	All Things Algebra Deltamath Puzzle Books Faceing Math IXL	Quiz Test Assignments/In Class Work

			F.IF.9		
Dec	Quadratic Equations and Complex Numbers	• Solving Quadratics by Quadratic Formula • Discriminants • Quadratic Applications	A.CED.1 A.CED.4 A.SSE.3 A.REI.1b A.REI.4 A.REI.4a A.REI.4b F.IF.8 F.LE.5 N.CN.7 N.CN.8 S.ID.6a	All Things Algebra Deltamath Facing Math IXL	Quiz Test Assignments/In Class Work
Jan	Polynomial Functions	• Exponent Rules • Classifying Polynomials • Operations with Polynomials • Factoring Polynomials • Graphing Polynomial Functions • Roots, Zeros, Multiplicities • Solving Polynomials by Factoring • Dividing Polynomials • Remainder Theorem • Function Operations and Compositions of Functions	A.APR.2 A.APR.3 A.APR.6 A.CED.1 A.SSE.1b A.SSE.2 F.BF.1b F.BF.1c F.IF.4 F.IF.5 F.IF.7c F.IF.9	All Things Algebra Deltamath IXL	Quiz Test Assignments/In Class Work
Feb	Radical Functions	• Simplifying Radicals • Converting between Radical and	A.APR.6 A.APR.7 A.CED.2	All Things Algebra Deltamath Puzzle Books	Quiz Test Assignments/In

	Statistics	• Conditional Probability • Binomial Theorem, Binomial Probability • Measures of Center and Variation • Normal Distribution Curve	S.CP.6 S.CP.9 S.IC.4 S.ID.2 S.ID.4 S.ID.5		
April	Statistics Series and Sequences	• Z-Scores, Standard Normal Distribution, Probability Under the Curve • Introduction to Sequences, Series, and Notation • Arithmetic Sequences and Series • Geometric Sequences • Geometric Series • Infinite Geometric Series	A.SSE.4 F.BF.2 F.IF.3 F.LE.2 S.ID.4	All Things Algebra Deltamath IXL	Quiz Test Assignments/In Class Work
May	Exponential and Logarithmic Functions	• Solving Exponential Equations • Converting Exponential/Logarithmic Form • Evaluating Logarithms • Change of Base Formula • Condensing and	A.CED.1 A.CED.2 A.REI.11 A.SSE.1 A.SSE.2 A.SSE.3 F.BF.3 F.BF.4 F.IF.4 F.IF.5	All Things Algebra Deltamath IXL	Quiz Test Assignments/In Class Work

		Expanding Logarithms Graphing Exponential and Logarithmic Functions	F.IF.7e F.IF.8b F.IF.9 F.LE.3 F.LE.4 F.LE.5		
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