

Algebra 1 Curriculum Map 2023-24

Time Frame (approx.)	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment
September 5 th – September 26 th	MP.1,2,3,4,7,8; A.SSE.2,3c A.APR.1;A.F.IF.8b	Emathinstruction Unit 1 Building Blocks of Algebra	Variables, Expressions, Properties, Exponents Binomials	HW, Quizzes, Unit 1 Test
September 27 th – October 19 th	MP.1,2,3,4,7; A.APR.1; A.CED1,2,3; A.REI.I.1a,3	Emathinstruction Unit 2 Linear Equations and Inequalities	Equations, Inverses, Solutions, Modeling, Inequalities	HW, Quizzes, Unit 2 Test
October 20 th – November 7 th	MP.3,4,5,7; A.APR.3; A.CED.2,3; A.REI.3; F.IF.1,2,4,5,6,7a,8a,9; F.BF.1a; F.LE.2,5	Emathinstruction Unit 3 Functions	Sets, Interval notation, Functions, Average rate of Change, Domain, Range	HW, Quizzes, Unit 3 Test
November 8 th – December 11 th	MP.1,2,3,4,7,8; F.IF.1,3,4,5,6,7,9; A.CED.2,3,4; F.BF.1; F.LE.1,2,5; A.REI.1,10,12	Emathinstruction Unit 4 Linear Functions	Linear Functions, Modeling, Piecewise, Step, Absolute Value, Arithmetic Sequences	HW, Quizzes, Unit 4 Test
December 12 th -- January 8 th	MP.1,3,4,5,7,8; A.CED.2,3; A.APR.3; A.REI.1,3,4,6,11,12	Emathinstruction Unit 5 Linear Systems	Systems, Elimination, Substitution, Inequalities	HW, Quizzes, Unit 5 Test
January 9 th – January 31 st	MP.1,2,3,4,5,7,8; A.SSE.2,3; A.CED.1,3; A.REI.1,3; F.BF.1; F.IF.3,5,7,9; F.LE.1,2,5	Emathinstruction Unit 6 Exponential Algebra and Functions	Exponential, Geometric Sequences, Equivalent Expressions, Percent Inc/Dec	HW, Quizzes, Unit 6 Test
February 1 st – March 1 st	MP.1,2,3,5,7,8; A.APR.1; A.SSE.2	Emathinstruction Unit 7 Polynomials	Polynomials, Conjugate, Factoring Trinomials	HW, Quizzes, Unit 7 Test
March 4 th – March 22 nd	MP.1,2,3,4,5,7,8; A.APR.1,3; A.CED.3; A.REI.4,7; A.SSE.2,3; F.IF.4,7,8; F.LE.5; F.BF.1	Emathinstruction Unit 8 Quadratic Functions	Quadratics, Coefficient, symmetry, Complete the square, zero product, cubic	HW, Quizzes, Unit 8 Test
March 25 th – April 16 th	MP.1,4,5,6,7; N.RN.2,3; A.REI.4; F.IF.4,7; F.LE.5	Emathinstruction Unit 9 Roots and Irrational Numbers	Rational, Irrational, Square root, quadratic formula	HW, Quizzes, Unit 9 Test
April 17 th – April 30 th	MP. 3,4,5,7; A.APR.3; A.REI.4; F.IF.4,5,7,8; F.LE.3,5; F.BF.3	Emathinstruction Unit 10 Functions and Their Transformations	Shifting, Vertical, Horizontal, Compression, Stretch, Vertex Form	HW, Quizzes, Unit 10 Test
May 1 st – May 16 th	MP.1,2,4,5; S.ID.1,2,3,5,6,7,8,9; N.Q.1; F.IF.7; F.LE.5	Emathinstruction Unit 11 Statistics	Statistics, Standard deviation, Distribution, Bivariate, Regression, Correlation	HW, Quizzes, Unit 11 Test
May 17 th – June 4 th	All Standards	Review for Final Exam	Review For Final Exam	Final Exam