

Unit	Essential Questions	Standards & Skills	Common Assessments	
Name: Unit 0 Quarter: 1 Length (Days): 8	1.) Types of Numbers 2.) Add/Subtract Fractions 3.) Multiply/Divide Fractions 4.) Percent Problems	CCSS: 5.NF-1 ,6.NS-1 ,6.RP-1, 7.EE-1, 7-EE.2, A-SSE.1, A-REI.3, A-CED.1	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 1 Quarter: 1 Length (Days): 6	1.) Variables and Expressions 2.) Order of Operations 3.) Distributive Property 4.) Translating Equations into Sentences	CCSS: A-CED.1	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 2 Quarter: 2 Length (Days): 6	1.) One Step Equations 2.) Multi-Step Equations 3.) Multi-Step Equations with Variables on both sides 4.) Ratios and Proportions	CCSS: A-REI.3, A-CED.1, A-REI.3, A-REI.1 CCSS.MATH.CONTENT.8.EE.C.7	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 3 Quarter: 2 Length (Days): 11	1.) Relations 2.) Functions 3.) Graphing Linear Functions 4.) Zeros of Linear Functions	CCSS.MATH.CONTENT.HSF.IF.A.1 CCSS.MATH.CONTENT.HSF.IF.A.2 CCSS.MATH.CONTENT.HSF.IF.B.4 CCSS.MATH.CONTENT.HSF.IF.C.7.A	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 4 Quarter: 2 Length (Days): 10	1.) Slope 2.) Slope-Intercept Form 3.) Writing the Equation of a Line 4.) Parallel and Perpendicular Lines	CCSS.MATH.CONTENT.8.EE.B.5	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 5 Quarter: 3 Length (Days): 13	1.) Solving Inequalities (Add/Subtract) 2.) Solving Inequalities (Multiply/Divide) 3.) Solving Multi-Step Inequalities 4.) Compound Inequalities	CCSS.MATH.CONTENT.HSA.REI.B.3 CCSS.MATH.CONTENT.HSA.REI.D.10	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 7 Quarter: 3 Length (Days): 12	1.) Properties of Exponents 2.) Power to a Power, Power of a Product 3.) Mixture of Exponent Properties 4.) Division Properties of Exponents 5.) Power to a Power with Division 6.) Zero and Negative Exponents 7.) Radical Expressions 8.) Add, Subtract, Distribute Radicals	CCSS: A-SSE.1, A-SSE.2, A-APR.1, A-CED.4 CCSS.MATH.CONTENT.8.EE.A.1 CCSS.MATH.CONTENT.8.EE.A.2	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher Work; P
Name: Unit 8 Quarter: 3 Length (Days): 8	1.) Add/Subtract Polynomials 2.) Multiply Polynomials by Monomials 3.) Multiply Polynomials 4.) Special Products	CCSS: A-SSE.1, A-SSE.2, A-APR.1, A-CED.4	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test (first half)	Teacher Work; P

<p>Name: Unit 8 Quarter: 4 Length (Days): 11</p>	<ol style="list-style-type: none"> 1.) GCF 2.) Factor out GCF 3.) Factor Polynomials when a = 1 4.) Factor Polynomials when a does not equal 1 5.) Factoring Special Products 6.) Solving Equations by Factoring 	<p>CCSS: A-SSE.1, A-SSE.2, A-APR.1, A-CED.4, A-SSE.2, A-APR.6-7, A-REI.3, A-SSE.2-3, A-APR.3, A-CED.1, A-REI.4</p>	<p>Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test (second half)</p>	<p>Teacher Work; P</p>
<p>Name: Unit 6 Quarter: 4 Length (Days): 9</p>	<ol style="list-style-type: none"> 1.) Graphing Systems of Equations 2.) Solving Systems using Substitution 3.) Solving Systems using Elimination (Add/Subtract) 4.) Solving Systems using Elimination (Multiply) 5. Word Problems using Systems of Equations 	<p>CCSS.MATH.CONTENT.8.EE.C.8 CCSS.MATH.CONTENT.8.EE.C.8.A CCSS.MATH.CONTENT.8.EE.C.8.B CCSS.MATH.CONTENT.8.EE.C.8.C CCSS.MATH.CONTENT.HSA.CED.A.3</p>	<p>Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test</p>	<p>Teacher Work; P</p>