

Unit	Essential Questions	Standards & Skills	Common Assessments	
Name: End of Chapter 1 +2 Quarter: 1 Length (Days): 22	How do you solve equations? How do you represent word problems into equations? What is different when you solve inequalities? How do you graph on a number line? How do you solve absolute value equations and inequalities?	ILS: National Standards: CRS: WorkKeys Skills: CCSS: A-CED.4, A-REI.3, A-CED.1, N-Q.1, F-LE.5	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test with Chapter 2	Teacher I Notebook Learning
Name: Chapter 3 Quarter: 1+2 Length (Days): 26 (13 in each Quarter)	1.) How to solve open sentences in 2 variables? 2.) How to graph to solve linear equations? 3.) How do you graph a line and understand its properties? 4.) How do to solve systems of linear equations? 5.) How do you solve word problems utilizing systems of equations? 6.) How do you solve linear inequalities in two variables?	ILS: National Standards: CRS: WorkKeys Skills: CCSS: A-CED.1, A-CED.2, A-CED.3, A-REI.6, A-REI.11, A-REI.12, F-1F.1, F-1F.2, F-1F.7, G-GPE.5, N-Q.1	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher I Notebook Learning
Name: Chapter 4 Quarter: 2 Length (Days): 21	1.) Monomial Factoring 2.) Factoring Trinomials into Binomials 3.) Solving Quadratic equations using factoring 4.) Solving Quadratic equation word problems	ILS: National Standards: CRS: WorkKeys Skills: CCSS:A-SSE.1-3, A-APR.1, A-APR.3, A-CED.3, A-REI.4, N-Q.1	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher I Notebook Learning
Name: Chapter 5 Quarter: 3 Length (Days): 22	1.) Laws of exponents 2.) Zero and Negative Exponents 3.) Simplifying Rational expressions 4.) Multiplying and Dividing rational exponents 5.) Adding and Subtracting rational exponents 6.) Solving rational exponents	ILS: National Standards: CRS: WorkKeys Skills: CCSS: A-CED.1, A-REI.3, N-RN.3	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Chapter Test	Teacher I Notebook Learning
Name: Chapter 6 (Irrational and Complex Numbers) Quarter: 3 Length (Days): 6 in Q3, 5 in Q4	1.) Roots of Real numbers 2.) Properties of Radicals 3.) Sums of Radicals 4.) Radical Binomials 5.) Radical Equations 6.) Rational and Irrational Numbers 7.) Imaginary Numbers 8.) Complex Numbers	ILS: National Standards: CRS: WorkKeys Skills: CCSS: A-SSE.2, N-RN.3, A-REI.2, N-CN.1, N-CN.2, N-CN.3	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Quiz 6.1-6.4; Chapter Test	Teacher I Notebook Learning
Name: Chapter 7 (Quadratic Equations and Functions) Quarter: 4 Length (Days): 4	1.) Completing the Square 2.) Quadratic Formula 3.) Review of Factoring 4.) Equations in Quadratic Form (replacement) 5.) Graphing from vertex form	ILS: National Standards: CRS: WorkKeys Skills:	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Quiz 7.1-7.4, Chapter Test	Teacher I Notebook Learning

	6.) Graphing from standard form 7.) Writing quadratic functions	CCSS: A-SSE.3, A-REI.2, A-REI.4, N-CN.7, N-CN.3, A-APR.3, A-CED.2, F-1F.4, F-1F.7, F-1F.8, G-MG.3, A-CED.3		
Name: Chapter 8 Quarter: 4 Length (Days): 16	1.) Direct Variations 2.) inverse variations 3.) Joint Variations 4.) Synthetic Division 5.) Remainder Theorem 6.) Factor Theorem	ILS: National Standards: CRS: WorkKeys Skills: CCSS: N-Q.1, A-APR.2, A-APR.6	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Quiz 8.1-8.2, Quiz 8.3-8.5	Teacher Notebook Learning
Name: Chapter 10 Quarter: 4 Length (Days): 16	1.) Rational Exponents 2.) Real-number Exponents 3.) Logarithmic Functions 4.) Laws of Logarithms 5.) Application Problems 6.) Exponential Growth and Decay 7.) Natural Log	ILS: National Standards: CRS: WorkKeys Skills: CCSS: A-SSE.3, N-RN.1, N-RN.2, F-BF.4, F-IF.8, F-LE.1, F-LE.4	Formative: Informal Observation through Classroom Practice; HW; HW Quizzes; Group Work Summative: Test 10.1-10.5	Teacher Notebook Learning