Algebra 2 Sequence Pacing Guide 16-17

	section	Name of Section	GRADE
WEEKS 1,2,3	**UNIT 1**		
	MODULE 1	**Analyzing Functions**	
	1.1	Domain, Range, and End Behavior	
	1.2	Characteristics of Function Graphs	
	1.3	Transformations of Function Graphs	
	1.4	Inverses of Functions	
	MODULE 2	**Absolute Value Functions, Equations, and Inequalities**	
	2.1	Graphing Absolute Value Functions	
	2.2	Solving Absolute Value Equations	
	2.3	Solving Absolute Value Inequalities	
WEEKS 4,5,6,7	**UNIT 2**	**QUADRATIC FUNCTIONS**	
	MODULE 3	**Quadratic Functions**	
	3.1	Quadratic Functions in Vertex Form	
	3.2	Writing Quadratic Functions	
	3.3	Fitting Quadratic Functions to Data	
	MODULE 4	**Quadratic Equations and Inequalities**	
	4.1	Solving Quadratic Equations by Taking Square Roots	
	4.2	Complex Numbers	
	4.3	Finding Complex Solutions of Quadratic Equations	
	4.4	Solving Quadratic Inequalities	
WEEKS 8-12	**UNIT 3**	**SYSTEMS OF EQUATIONS AND INEQUALITIES**	
	MODULE 5	**Quadratic Relations and Systems of Equations and Inequalities**	
	5.1	Parabolas	
	5.2	Solving Linear-Quadratic Systems	
	5.3	Solving Linear Systems in Three Variables	
	5.4	Solving Systems of Linear Inequalities	
WEEK S 13-15	**UNIT 4**	**SQUARE ROOT FUNCTIONS**	
	MODULE 11	**Radical Functions**	
	11.1	Inverses of Simple Quadratic and Cubic Functions	
	11.2	Graphing Square Root Functions	
	11.3	Fitting Square Root Functions to Data	
	11.4	Graphing Cube Root Functions	

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	section	Name of Section	GRADE
WEEKS 17-19	**UNIT 5**	**CUBIC AND CUBE ROOT FUNCTIONS**	
	MODULE 6	**Polynomial Functions**	
	6.1	Graphing Cubic Functions	
	6.2	Graphing Polynomial Functions	
WEEKS 20,21	**UNIT 6**	**POLYNOMIALS**	
	MODULE 7	**Polynomials**	
	7.1	Adding and Subtracting Polynomials	
	7.2	Multiplying Polynomials	
	7.3	Factoring Polynomials	
	7.4	Dividing Polynomials	
	MODULE 8	**Polynomial Equations**	
	8.1	Finding Rational Solutions of Polynomial Equations	
	8.2	Finding Complex Solutions of Polynomial Equations	
WEEKS 22-27	**UNIT 7**	**RATIONAL FUNCTIONS AND EXPRESSIONS**	
	MODULE 9	**Rational Functions**	
	9.1	Inverse Variation	
	9.2	Graphing Simple Rational Functions	
	9.3	Graphing More Complicated Rational Functions	
	MODULE 10	**Rational Expressions and Equations**	
	10.1	Adding and Subtracting Rational Expressions	
	10.2	Multiplying and Dividing Rational Expressions	
	10.3	Solving Rational Equations	
WEEK S 28-30	**UNIT 8**	**RADICAL EXPRESSIONS AND EQUATIONS**	
	MODULE 12	**Radical Expressions and Equations**	
	12.1	Radical Expressions and Rational Exponents	
	12.2	Simplifying Radical Expressions	
	12.3	Solving Radical Equations	
WEEKS 31-35	**UNIT 9**	**EXPONENTIAL AND LOG FUNCTIONS**	
	MODULE 13	**Exponential Functions**	
	13.1	Geometric Sequences	
	13.2	Exponential Growth Functions	
	13.3	Exponential Decay Functions.	
	13.4	The Base e	
	MODULE 15	**Logarithmic Functions**	
	15.1	Defining and Evaluating a Logarithmic Function	
	15.2	Graphing Logarithmic Functions	