



Pass

Algebra II Content

of days

ACT

1st nine weeks

1.2b	Properties of real numbers	1 day	20-23
1.2b	Algebraic Expressions	1 day	20-23
2.6a	Solving Equations	2 days	20-23
2.2b	Solving Inequalities	1 day	20-23
2.2b	Absolute Value Equations and Inequalities	1 day	20-23
	Review/test	2 days	
2.1d	Relations and Functions	1 day	20-23
	Linear Equations	2 days	20-23
2.7a	Direct Variation	1 day	20-23
3.1a,b	Using Linear Models (scatter plots)	1 day	24-27
2.1a	Absolute Value Functions and Graphs	½ day	24-27
2.1a	Vertical and Horizontal Translations	½ day	20-23
	Review/Test	2day	
2.2b	Graphing Systems of Equations	1 day	28-32
2.2a 2.2b	Solving Systems Algebraically	2 days	28-32
2.6a	Systems with 3 Variables	2 days	28-32
2.2a 2.2b	Systems of Inequalities	2 days	28-32
	Review/Test	2 days	
2.3c	Quadratic Functions	1 day	28-32
2.3b	Properties of Parabolas	2 days	28-32
2.1a	Translating Parabolas	2 days	24-27
2.3a	Factoring quadratic equations	3 days	24-27
2.3a	Graph Quadratic Equations	2 days	28-32

2nd nine weeks

1.3b	Complex Numbers	1 day	24-27
2.3a	Completing the Square	1 day	28-32
2.3a	Quadratic Formula	2 days	28-32
	Review/Test	2 days	
1.2a	Simplify Polynomial Functions	1 day	28-32
1.2b	Write a Polynomial Functions	2 days	28-32
1.2a	Synthetic/Long Division	2 days	28-32
2.6a	Solve by Factoring	2 days	28-32
2.6a	Finding Zeros	1 ½ days	28-32
2.6b	Graphing polynomials	1 day	28-32
2.6c	Find x,y intercepts, min an max	1 day	28-32
2.6a	Solve using Synthetic Division	1 ½ days	28-32
	Review/Test	2 day	
1.1a	Roots and Radical Expressions	1 day	24-27
1.1b	Multiply and Divide Radical Expressions	2 days	28-32
1.1b	Add and Subtract Radical Expressions	3 days	28-32
1.1b	Simplify Expressions with Rational Exponents	2 days	24-27

3 rd nine weeks				
	1.1b	Solve Radical Equations	3 days	28-32
	2.1b	Function Operations	2days	28-32
	2.1c	Function combinations	1 day	28-32
	2.1e	Inverse Relations and Functions	2 days	28-32
	2.1a	Graphing Radical Functions	1 day	28-32
		Review/Test	2 day	
	2.7d	Inverse Variation	2 days	
	1.2b	Rational Expressions	2 days	
	1.2b	Add/Subtract Rational Expressions	3 days	
	2.7a	Solve Rational Equations	3 days	
	2.7b	Graphing Rational Functions (asymptotes)	2 days	
	2.7c			
		Review/Test	2 day	
	2.4	Circles	2 days	28-32
	2.4	Ellipses	2 days	28-32
	2.4	Hyperbolas	2 days	28-32
	2.4	Parabolas	2 days	28-32
	2.4	Translating Conic Sections	2 days	28-32
	Review/Test	2 days		
4 th nine weeks	2.5c	Exploring Exponential Models	1 day	33-36
	2.5c	Properties of Exponential Functions	1 day	33-36
	2.5b	Logarithmic Functions as Inverses	1 day	33-36
	2.5c	Properties of Logarithms	2 days	33-36
	2.5b	Exponential and Logarithmic Equations	3 days	33-36
	2.5c	Natural Logarithms	2 days	33-36
		Review/Test	2 day	
	3.3	Arithmetic Sequences	1 day	33-36
	3.3	Geometric Sequences	1 day	33-36
	3.3	Arithmetic Series	1 day	33-36
	3.3	Geometric Series	1 day	33-36
		Review/Tests	2 day	
		Review for EOI		