1st Semester

Algebra II Pacing Calendar (2010-2011)

Week #	Chapter	Lesson Title	Standards	Activities and Comments	Homework
1	1.1	Expressions and Formulas	7.0	PEMDAS and Substitution	1-15 all pg. 8-9
20-Aug	1.2	Properties of Real Numbers	PRC	Rational and Irrational Numbers R, I, W, Q, Z, N Properties: Comm, Assoc, ID, Inverse, Distributive	1-27 odd pg. 15
	1.3	Solving Equations	1.0	Converting verbal and algebraic expressions Properties: Reflexive, Symmetric, Transitive, Substitution	7-29 odd pg. 23 Workbook page 3
		Quiz 1-1 through 1-3			

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2	1.4	Solving Absolute Value Equations	1.0	Absolute value a measure of distance and never negative Set up two equations: a = b and a = -b Checking solutions and no solution	7-31 odd pg. 29-30 Workbook page 4
27-Aug	1.5	Solving Inequalities	1.0	Properties: if a > b, then a + c > b + c and ac > bc if a > b, then ac < bc when c < 0 Graphing Inequalities: <, >, ≤, ≥, and ≠	1-23 odd pg. 37 Workbook page 6
		Quiz 1-4 through 1-5			

Week #	Chapter	Lesson Title	Standards	Activities and Comments	Homework
3	1.6	Solving Compound and Absolute Value Inequalities	1.0	Set up two inequalities: if $|ax + b| = c$, then ax + b < c Compound Inequalities (and, or, Ø) ax + b < -c Graphing Compound Inequalities	1-21 odd pg. 45 23-31 odd pg. 44
3-Sep		Chapter 1 Assessment		Block Day:	
	2.1	Relations and Functions	PRC	Coordinate Plane (Relationship between x and y) Functions (Domain and Range) Dependent and Independent Variables	1-49 odd pg. 62-63

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4	2.2	Linear Equations	1.0	Standard Form Linear Functions x and y intercepts (at x-int y=0) (at y-int x=0)	1-17 odd pg. 68-69 Workbook page 8
10-Sep					
Short Week	2.3	Slope	1.0	Change in **y** over the change in **x** $(\Delta y/\Delta x)$ $m = \dfrac{y_1 - y_2}{x_1 - x_2}$	1-23 odd pg. 74-75 Workbook page 9
Progress Grades Due		Quiz 2-1 through 2-3			