

Chapter 1 : Tools of Algebra	Dates	Standards	Lessons	Assignments
	8/11 C		Introduction Entry Level Assessment	Signed Agreement
	8/12B - 8/15A	1, 2	1-2 Algebraic Expressions *Chapter 1 PreTest, Version A	1-2, pp. 15-16 #2-8e; 22-40e; 48-64e
	8/16B - 8/17A	1, 2,	1-3 Solving Equations 1-4 Solving Inequalities	1-3 pp. 21-22 #2, 6, 12, 16, 18, 20, 42, 44, 46 1-4 pp. 29-31 #4, 6, 8, 10, 18, 20, 22, 24, 30
	8/18 B - 8/19A		1-5 Absolute Value Equations and Inequalities	1-5 p.36 #2, 4, 6, 10, 12, 16-26e <u>Summary and Review</u> pp. 47-53
	8/22B -8/23A	2	Chapter 1 Test *Chapter 1 PostTest, Version B	
Chapter 2: Functions, Equations and Graphs	*8/24 B (LS)- 8/25A – 8/26B	1	2-1 Relations and Functions	<u>Benchmark:</u> Relations & Functions
	8/29A - 8/30B		2-2 Linear Equations, Day 1-2	<u>Benchmark:</u> Slope and Linear Equations <u>Benchmark:</u> Writing Equations of Lines (print) * <u>Activity:</u> Right Hand-Left Hand Scatter Plot; Linear Regression
	8/31A – 9/1B	1	2-5 Absolute Value Functions and Graphs	2-5 p. 93 #30-50, even <u>Benchmark:</u> Absolute Value Equations & Inequalities
	9/2A - 9/6B	1	2-6 Families of Functions	Function Family <u>Activity</u> , p. 95 #1-4
	9/7A - 9/8B		2-7 Two Variable Inequalities	<u>Benchmark:</u> Variable Equations & Inequalities <u>Summary and Review</u> pp. 111-117
	9/9 A - 9/12B		Chapter 2 Test	<u>Cumulative Review:</u> Chapters 1-2 Worksheet
Chapter 3: Linear Systems	9/13A – 9/14B	2	3-1 Graphing Systems of Equations	<u>Lesson 3-1 to 3-2</u> pp. 130-131 #2-10, even; 18-24, even; #30-35, all
	9/15A – 9/16B	1, 2	3-2 Solving Systems Algebraically	<u>Benchmark:</u> System of Equations
	9/19A-9/20B	2	3-3 Systems of Inequalities *3-4 Linear Programming — Applications	Lesson 3-3 Worksheet <u>Quiz 1: Systems of Equations</u>
	9/21A (LS) – 9/22B – 9/23A	2	3-5 Graphs in 3 Dimensions	<u>Benchmark:</u> Graphing in 3-D worksheet
	9/29A-9/30B		Chapter 3 Test	

Chapter 5: Quadratic Equations and Functions	10/3A - 10/4B	9, 10	5-1 Modeling Data with Quadratic Functions (Opener) 5-2 Properties of Parabola	Lesson 5-2 p. 252 #2-24, <u>even</u>
	10/5A – 10/6B	9	5-3 Transforming Parabolas	Lesson 5-3, pp.259-260 #8, 16, 28, 52, 4,18,34,56
	10/7A – 10/10B	4	5-4 Factoring Quadratic Expressions	<u>Quiz 1: 5-1 to 5-3</u> Practice 5-4 Factoring Worksheet
	10/11A – 10/12B	8, 10	5-5 Quadratic Equations	Lesson 5-5 p. 274 #1-18,all
	10/13A-10/14B	5, 6	5-6 Complex Numbers	Practice 5-6 <u>worksheet, even numbers only</u> Optional: Imaginary Handout #1 and Imaginary Handout #2
	10/17A-10/18B	88	5-7 Completing the Square	Lesson 5-7p. 289 #16, 18, 20, 22
	*10/19A (LS) – 10/20B		5-8 The Quadratic Formula	Lesson 5-8 p.297 #5-10, all and 31-35, all
	10/21A – 10/24B		Chapter 5 Test	<u>Quiz 2: 5-4 to 5-6</u> <u>Summary and Review:</u> pp.303-309 Chapter 5 Review Worksheet
Chapter 6: Polynomials	10/25A-*10/26B (LS)	3	6-1 Polynomial Functions	Lesson 6-1 p.315 #2-18, even; #25-30, all and p. 316 #33
	10/27A-10/28 B	10	6-2 Polynomials and Linear Factors	Lesson 6-2 p. 323 #1-3; #10-12; #19,20; #25-27; #33-36, all; #41 #43-45 #53, 54, 56
	10/31 A-11/1 B	3	6-3 Dividing Polynomials	Lesson 6-3, pp.330-331 #2, 8,21,22,30,32, 38
	11/2A – 11/3B	4	6-4 Solving Polynomial Equations	Lesson 6-4 p. 336 #15, 16, 17, 18, 30, 32
	11/4A - 11/7B		Chapter 6 Test	<u>Summary & Review:</u> pp. 365-371 Chapter 6 Practice Test
Chapter 7: Radical Functions and Rational Exponents	11/8A-11/9 B	15	7-1 Roots and Radical Expressions 7-2 Multiplying and Dividing Radical Expressions	Lesson 7-1 p. 378 #39-50, all Lesson 7-2 p. 383 # 14-34, even
	11/10 A-11/14B	15	7-3 Binomial Radical Expressions	Lesson 7-3 p. 388 #2,5,8,10, 14,15,20,26 <u>Quiz 1: 7-1 to 7-3</u>
	11/15A-11/16B	12	7-4 Rational Exponents	<u>7-1 to 7-4 Review p. 430 #16-36, even and #38-52, even</u>
	11/17A-11/18B	8	7-5 Solving Square Root and Other Radical Equations	Lesson 7-5 p. 431 #54-56, all
	11/19 - 11/27		**Thanksgiving Break**	

Algebra 2**Course Outline and Pacing****First Semester, 2011-2012**Textbook: *Prentice Hall Mathematics California Algebra 2, Bellman, et al, 2008.*

	11/28A -11/29B	24, 25	7-6 Function Operations	Lesson 7-6 p. 431 #57-66, all
	11/30 (LS) - 12/1B	24, 25	7-7 Inverse Relations & Functions	Lesson 7-7 p. 431 #67- 74, all <u>Quiz 2: 7-5 to 7-7</u>
	12/2A – 12/5B	24, 25	7-8 Graphing Square Root and Other Radical Functions	Lesson 7-8 p. 432 #32-35, all
	12/6A – 12/7B		Chapter 7 Test	<u>Summary and Review</u> pp. 429-435 Chapter 7 Test Review Worksheet
FINAL EXAM	12/8 A-12/9 B		<i>Final Review</i>	Final Exam Review #1
	12/12A-12/13 B		<i>Final Review</i>	Final Exam Review #2
	*12/14 *12/15 *12/16		FINAL EXAM First Semester, Chapters 1-7	Extra Practice pp. 850-863, Ch. 1-7