

Algebra 2 Pacing Guide - 2013-2014

Day	Section and Topic	Homework Assignments
1	1.3 - Equations and Literal Equations	
2	1.4 - Solving Inequalities	
3	2.1 - Relations, Functions and Linear Equations	
4	2.4 - Using Linear Models and Data Analysis	
5	2.5/2.6 - Absolute Value Functions	
6	2.7 - Two Variable Inequalities	
7	Piecewise (linear functions only)	
8	Review Ch. 1 and 2	
9	Chapter 1 and 2 Test	
10	3.1/3.2 - Solving Systems of Equations	
11	3.1/3.2 - Solving Systems of Equations	
12	3.3 - Systems of Inequalities	
13	Review and Quiz on Chapter 3	
14	7.1 - Simplifying Radicals	
15	5.6 - Complex Numbers	
16	7.2 - Multiplying and Dividing Radicals	
17	7.8 - Graphing Radical Functions	
18	Review Ch. 7	
19	Chapter 7 Test	
20	5.1/5.2 - Modeling Data with Quadratics	
21	5.3 - Translating Parabolas	
22	5.4 - Factoring Quadratics (all cases)	
23	5.5 - Quadratic Equations	
24	7.5 - Solving Radical Equations	
25	5.7 - Completing the Square	
26	5.8 - The Quadratic Formula	
27	Extension: Writing Quadratic Equations	
28	Extension: Quadratic Inequalities	
29	Review Ch. 5	
30	Chapter 5 Test	
31	6.1 - Polynomial Functions	
32	6.2 - Polynomials and Linear Factors	
33	6.3 - Dividing Polynomials (long and synthetic \div)	
34	6.4 - Solving Polynomial Equations	
35	6.4 - Solving Polynomial Equations	
36	6.5 - Roots of Polynomial Equations	
37	6.8 - Pascal's Triangle	
38	Review Chapter 6	
39	Chapter 6 Test	
40	Midterm Review	
41	Midterm Review	
42	Midterm Exam	
43	7.6 - Functions Operations	

Algebra 2 Pacing Guide - 2013-2014

44	7.7 - Inverse Relations and Functions	
45	Review Ch. 7	
46	Chapter 7 Test	
47	8.1 - Exploring Exponential Models	
48	8.2 - Properties of Exponential Models and Half-Life	
49	8.3 - Log Inverses	
50	8.4 - Properties of Logarithms	
51	8.6 - Natural Logarithms	
52	Review Ch. 8	
53	Chapter 8 Test	
54	11.1 - Mathematical Patterns	
55	11.2 - Arithmetic Sequences	
56	11.3 - Geometric Sequences	
57	Review Chapter 11 and Quiz	
58	11.4 - Arithmetic Series	
59	11.5 - Geometric Series	
60	Review Ch. 11	
61	Chapter 11 Test	
62	13.1 - Exploring Periodic Data	
63	13.2 - Angles and the Unit Circle	
64	13.2 - Angles and the Unit Circle	
65	13.3 - Radian Measure	
66	13.4 - The Sine Function	
67	13.4 - The Sine Function	
68	13.5 - The Cosine Function	
69	13.5 - The Cosine Function	
70	13.6 - The Tangent Function	
71	13.6 - The Tangent Function	
72	Review Ch. 13	
73	Chapter 13 Test	
74	12.1 - Probability Distributions	
75	12.2 - Conditional Probability	
76	12.3 - Analyzing Data	
77	12.5 - Working with Samples	
78	12.7 - Normal Distributions	
79	Review Ch. 12	
80	Chapter 12 Test	
81-84	Exam Review	
85-90	Review and Final Exams	