



TAG/Pre-AP ALGEBRA II Syllabus & Grade Sheet (2nd 6-weeks 2008-09)

Date	Topic(s)	#	Assignment	grade
Chapter 3: Linear Systems				
10/2-3	3.1 Linear Systems in Two Dimensions	12	p. 186; 15-27(O),34	
	3.2 Using Algebraic Methods		p. 194; 16-26(E),28,31,34,45	
10/6-7	3.3 Systems of Linear Inequalities	13	p. 202; 11-13, 17-18, 27, 29, 32-34, 39	
	3.4 Linear Programming Quiz 3.1-3.2		Exploration Worksheet	
			Solving Linear Systems Extension Worksheet	
10/8-9	3.5 Linear Equations in Three Dimensions	14	p. 216; 11-21 (O), 22, 24, 25, 29, 34, 41, 42	
	3.6 Solving Three Dimensional Systems		p. 224; 4, 8, 10, 11, 16, 17, 23* (bonus), 24	
10/14-15	Review for Chapter 3	15	Worksheet	
10/16-17	Test Chapter 3: Linear Systems			
	4.1 Adding and Subtracting Matrices	16	p. 250; 3-6,8-11, 18, 20, 36, 39	
Chapter 4: Matrices				
10/20-21	4.2 Multiplying Matrices	17	p. 257; 21-24, 26-29, 42-45, 47, 58-60	
	4.4 Determinants		p. 274; 14-17, 22-24, 28, 30-32, 41	
10/22-23	4.4 Cramer's Rule	18	p. 275; 6, 9, 18, 19, 21, 42	
	Quiz 4.1,4.2, 4.4 (determinants)			
10/24-27	4.5 Matrix Inverses and Solving Systems	18	p. 282; 14, 15, 17-20, 22, 23, 36, 38 <i>(non-calculator)</i> ; 51-52*	
			*For 51-52, solve using inverse matrices with your graphing calculator.	
10/28-29	Review for Chapter 4	19	Worksheet	
10/30-31	Test Chapter 4: Matrices			
	Factoring Review	20	p.331; 1-12 (E), 15-18	
Chapter 5: Quadratic Functions				
11/3-4	5.1 Using Transformations to Graph Quad Functions	21	p. 320; 21-27 (O) (do not graph), 29, 30, 39-41	
	5.2 Properties of Quadratic Functions in Standard		p. 328; 15, 16, 18, 19, 21, 24-32 (E), 39, 48, 50	
11/5-6	5.3 Solving Quadratic Eq. by Graphing and Factoring	22	p. 338; 19,21,23,24,26,28,29,31,32,37,38,40,41,44,45,63,73,74	
11/7-10	5.4 Completing the Square	23	p. 345; 22-26 (E), 27, 30, 32-34, 37, 38*, 53, 54, 58, 59, 83, 84	
	On Track for TAKS Quiz 5.1-5.3		p. 349; 1-3	
11/11-12	5.5 Complex Numbers and Roots	24	p. 353; 18-21, 26-28, 30, 33-35, 37-45 (O), 46, 50-53, 58-65	
	5.6 The Quadratic Formula		p. 361; 19-29 (O), 33-35, 56-58,	
11/13-14	5.7 Solving Quadratic Inequalities	25	p. 370; 29-32, 48-50	
	5.8 Curve Fitting with Quadratic Models		p. 378; 12-14, 16-17, 25-27, 36	
	Quiz 5.4-5.6		Worksheet - Real World Applications of Quadratic Functions*	
			*Find the quadratic models using matrices. You may use your graphing	
			calculator to solve the systems of matrices, but do NOT use "QuadReg"	

** Subject to change at teacher's discretion.



