



TAG/Pre-AP ALGEBRA II Syllabus & Grade Sheet (4th 6-weeks)

Date	Topic(s)	#	Assignment	grade
Chapter 7: Exponential and Logarithmic Functions				
1/20-21	7.1 Exponential Functions, Growth, and Decay	1	p. 494; 6-14, 18, 19, 22, 23, 25, 26, 27-41(O)	
1/22-23	7.2 Inverses of Relations and Functions 7.x Simplifying Exponential Expressions Review TAKS Benchmark	2	p. 502; 2, 3, 9-13(O), 14, 15, 32, 33 Worksheet (Foerster 6.4)	
1/26-27	7.3 Logarithm Functions 7.4 Properties of Logarithms	3	p. 509; 17-31(O), 34, 35, 37, 38, 42, 45, 47 p. 516; 19, 21-35(O), 36, 37-45(O), 44, 46, 49, 50, 56	
1/28-29	7.5 Exponential and Logarithmic Equations Quiz 7.1-7.4	4	p. 526; 10, 12, 15, 16, 21-39(O), 41, 42, 46, 52 Worksheet: Exponential & Logarithm Extension (9 problems)	
1/30-2/2	7.6 The Natural Base e and Natural Logs Quiz 7.5	5	p. 534; 17-22, 25-36, 40 Worksheet: Natural Logarithms Equations (7 problems)	
2/3-2/4	(7.8 Curve Fitting with Exponential and Log Models) Review for Chapter 7	6	p. 548; 9-15(O), 30 (in class, if time allows) Worksheet	
2/5-6	Test Chapter 7: Exponentials and Log Functions TAKS Prep	7	p. 562; 1-5(O), 7-9(ALL), 14, 15, 18, 20, 21	
Chapter 8a: Rational Functions				
2/9-10	8.1 Variation Functions	8	p. 574; 17-21, 23-36, 39-41, 49-51	
2/11-12	8.2 Multiplying and Dividing Rational Expressions	9	p. 580; 18-43(O), 50-53	
2/13-17	8.3 Adding and Subtracting Rational Expressions Quiz 8.1-8.2	10	p. 588; 21-45(O), 53-57	
2/18-19	8.4 Graphs of Rational Functions	11	p. 597; 20, 22, 25*, 27*, 30, 31, 32 (parts a and c), 33-41 (graph* 34 and 38), 44b and 44c, 45, 48, 49, 53-57 (do not graph 53-54) *Please do these graphs without using a graphing calculator.	
2/20-23	Review for Chapter 8.1 – 8.4	12	Worksheet	
2/24-25	Test Chapter 8.1 – 8.4: Rational Functions		Homework: Relax!	
2/26-27	8.5 Solving Rational Equations	13	p. 605; 11, 12, 19-29, 37-43, 58-62 Worksheet: Radicals/Conjugates Extension Assigned (due 3-6/9)	

*Syllabus is subject to change