

## TAG/Pre-AP ALGEBRA II Syllabus & Grade Sheet (5<sup>th</sup> 6-weeks)

(revised 2/22/09)

Date	Topic(s)	#	Assignment	grade
<b>Chapter 8b: Radicals and Radical Functions</b>				
2/26-27	8.5 Solving Rational Equations	13	p. 605; 11, 12, 19-29, 37-43, 58-62 Worksheet: Radicals/Conjugates Extension Assigned <i>(due 3-6/9)</i>	
3/2-3	8.6 Radical Expressions and Rational Exponents	14	p. 614; 33-40, 42-56 (E), 59, 61, 62-65, 66-70 (E), 71, 90	
3/4-5	8.8 Solving Radical Equations <b>Quiz 8.5-8.6</b>	15	p. 632; 28-40 (E), 46-49, 51, 54, 60, 71-74	
3/6-9	Review for Chapter 8.5, 8.6, & 8.8	16	Worksheet *Radicals/Conjugates Worksheet <b>DUE</b>	
3/10-11	<b>Test Chapter 8.5, 8.6, &amp; 8.8: Radical Functions</b> 8.7 Graphs of Radical Functions	17	p. 624; 24, 27, 28, 33*, 38*, 39-41, 42-46 (E), 48-55 *for #33 & 38, <u>describe</u> the transformations but <b>DO NOT GRAPH</b>	
3/12-13	<b>Spring Benchmark</b>		<i>Don't forget - the <b>Mu Alpha Theta Math Relay</b> is Thursday, March 12 after-school in the cafeteria!!! Sign up NOW!!!</i>	
<b>SPRING BREAK!!!</b>				
<b>Chapter 9: Properties and Attributes of Functions</b>				
3/23-24	9.1 Multiple Representations of Functions 9.2 Piecewise Functions	18	Worksheet p. 665+; 9-10 ( <i>write a verbal description only</i> ), 11-14, 16-22(E), 26, 28, 29, 31, 32	
3/25-26	9.3 Transforming Functions 9.4 Operations with Functions	19	p. 677; 8, 10-14, 17, 19, 21, 22, 25, 26, 29, 30, 36 Worksheet: Transforming Graphs of Functions p. 686; 17, 18, 19-25(O), 26-28, 30-32, 37, 39-43, 44, 49, 51	
3/27-30	9.5 Functions and Their Inverses 9.6 Real World Data <b>Quiz 9.1-9.4</b>	20	p. 694; 9-11, 16-30(E), 31-35(ALL), 37, 40 p. 702; 1, 6-8, 10-12, 17, 20, 24-25	
3/31-4/1	Review for Chapter 9	21	Worksheet	
4/2-3	<b>Test Chapter 9: Properties &amp; Attributes of Fns.</b> TAKS Prep	22	p. 716; 1, 2, 5-9(O), 10-14(ALL)	
<b>Chapter 10: Conic Sections</b>				
4/6-7	10.2 Circles 10.3 Ellipses	23	p. 732; 12-20(E), 21, 23-25, 28, 28, 36, 37 p. 740; 2, 3, 16-21, 24-25, 28-29, 32-33, 35, 40-42	
4/8-9	10.4 Hyperbolas	24	p. 748; 18-21, 22, 24, 26-28, 31, 42-44	
4/14-15	10.5 Parabolas <b>Quiz 10.2-10.4</b>	25	p. 755; 14, 18-24(E), 28-34(E), 35, 37, 39-42, 45, 48, 49	
4/16-17	10.6 Identifying Conic Sections	26	p. 764; 15-19, 23-27, 29, 35-38, 44, 51-54	

\*Syllabus is subject to change