

PreCalculus 12  
Tentative Timeline/Assignment Sheet  
2013-14

Date	Topic	Page	Assignment
	<b>Chapter One Transformations + Functions</b>		
	1.1 Horizontal and Vertical Translations	12	1 to 12, 15, 18, 19, C3
	1.2 Reflections and Stretches	28	1 to 9, 14, 15, C3
	1.3 Combining Transformations	38	1 to 15
	1.4 Inverse of a Relation	51	1 to 6, 8, 9be, 10a, 12acf, 13bde, 14bd, 15, 16abc, 17, 20, 21
	10.3 Composite Functions	507	1, 2, 3ac, 4ab, 5bc, 17, C2
	Review	56	plus p 511 #10, 11, 12a
	Review	58	
	<b>Test Chapter One</b>		
	<b>Chapter 9 Rational Functions</b>		
	9.1 Rational Functions + Transformations	442	1, 2ab, 3, 7, 8
	9.1 Rational Functions + Transformations	442	2cd, 4-6, 8, 11, 14 to 16, 18, 21a
	9.2 Rational Functions+ <b>horizontal asymptotes</b>	451	1-5 graphics calculator
	9.2 Rational Functions+ horizontal asymptotes	451	4, 6 - 8, 11, 12, 21
	9.3 Connecting Graphs and Rational Equations	465	1, 3 to 6, 11, 13
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	Review	470	
	<b>Test Chapter 9</b>		
	<b>Chapter 7 Exponential Functions</b>		
	7.1 Characteristics of Exponential Functions	342	1 - 4, 6 - 8, C1
	7.2 Transformations of Exponential Functions	354	1 - 4, 6, 7, 8
	7.3 Solving Exponential Equations	364	1 to 5, 7, 8, 11, 12, 14
	Word Problems	364	8,9,11ab,12ab,13ab, 14, 16
		344	9a, 10acd, 12a p356#12a worksheet
	Review	366	1, 3, 4b, 5 - 7, 9 - 11, 12ab
		368	2, 4, 6, 7ac, 8, 9, 11ab
	<b>Test Chapter 7</b>		
	<b>Chapter 8 Logarithmic Functions</b>		
	8.1 Understanding Logarithms	380	2 to 6, 12, 14, 20 to 22
	8.2 Transformations of Logarithmic Functions	389	1 to 11, 16, 17 plus p. 380 #13, 15, 16
	8.3 Laws of Logs	400	1 - 3, 5 - 12, 13, 14, 16 - 18, 20, C1
	8.4 Logarithmic and Exponential Equations	412	1, 2, 4, 5, 7, 8 p. 381 #20-22, 24
	8.4 Logarithmic and Exponential Equations	412	9, 10, 12, 13, 20 to 22 plus x-intercepts
	<b>END OF TERM ONE</b>		
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	<b>Test Chapter 8</b>		
	<b>Chapter 4 Trigonometry and the Unit Circle</b>		
	4.1 Angles + Angle measure (radians/arc length)	175	2-5,12-14, 16, 21, 26
	4.1 Angles+Angle measure (coterminal/reference)	175	1, 6-9, 11
	4.2 The Unit Circle	186	1-6, 15
	4.3 Trigonometric Ratios (exact values)	201	1, 3, 5, 6, 8, 9, 10, 12, 19
	4.3 Trigonometric Ratios (approximations)	201	2, 7, 11, 18
	<b>Christmas Holidays</b>		
	4.4 Introduction to Trigonometric Equations	211	1 to 7, 13b, 19a, 19b (gc)
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	Review	218	
	<b>Test Chapter 4</b>		
	Review for MidYear Exam		Review Package
	<b>MidYear Exam Chapters 1, 9, 7, 8, 4</b>		
	<b>Chapter 5 Trigonometric Functions + Graphs</b>		
	5.1 Graphing Sine and Cosine Functions	233	1, 2, 4 to 10, 14, 15, 18, 19, 21
	5.2 Transformations of Sinusoidal Functions	250	1 odds, 2odds, 3 to 7, 9, 11, 13-16, 22, 24

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5.4 Equations + Graphs of Trig Functions	275	1-5, 6, 8, 9, 12, 14, 17, 19
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<b>Test Chapter 5</b>		
<b>Chapter 6 Trigonometric Identities</b>		
6.1 Reciprocal, Quotient Pythagorean Identities	296	1, 3, 4, 6ab, 7, 8bc, 10, 11c, 12b, 14, 16, 17
6.2 Sum, Difference, Double-Angle Identities	306	1, 2, 4, 5, 8, 10, 11, 12c, 14-17, 19, 20
6.3 Proving Identities	314	1-7, 10-13, 15b
6.4 Solving Trig Equations Using Identities	320	1-5, 7-12, 14-16
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<b>Chapter Two- Radical Functions</b>		
2.1 Radical Functions and Transformations	72	1-5, 7, 8, 10, 11, 13, 15, 16
2.2 Square Root of a Function	86	1-6, 8, 11, 16, 17
<b>Spring Break</b>		
2.3 Solving Radical Equations Graphically	96	1-7, 10, 12, 13, 15
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<b>Chapter Three- Polynomial Functions</b>		
3.1 Characteristics of Polynomial Functions	114	1-4, 6, 7, 9, 11, C2
3.2 Remainder Theorem	124	1-11, 13-15, 17a
3.3 The Factor Theorem	133	1-7, 9, 10, 14, 15
3.4 Equations + Graphs of Polynomial Functions	147	1-5, 6c, 7-12, 14, 18, 20
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<b>Test Chapter 3</b>		
<b>Chapter Ten - Function Operations</b>		
10.1 Sum and Difference of Functions	483	1-8, 9odds, 10odds, 11odds, 12, 13, 15, 17
10.2 Product and Quotient of Functions	496	1-3, 4ab, 5ab, 6-8, 11, 12
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<b>Test Chapter 10</b>		
<b>Chapter Eleven - Permutations/Combinations</b>		
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11.1 Permutations	524	5, 8, 9, 12, 13, 15, 17-19, 28-30
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11.3 Binomial Theorem	542	1 to 20
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<b>Test Chapter 11</b>		
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Review		Each chapter review
<b>Cross Grade Final Exam</b>		