

<u>Week</u>	<u>1</u>		<u>Day</u>
September	1	- No Class	
September	2	- Prerequisites Section 1 <u>Homework:</u> Worksheet	1
September	3	- Prerequisites Section 2 <u>Homework:</u> Worksheet	2
September	4	- Prerequisites Section 3 <u>Homework:</u> Worksheet	3
September	5	- *****Quiz Prerequisites Sections 1 - 3***** Prerequisites Section 4 <u>Homework:</u> Worksheet	4
<u>Week</u>	<u>2</u>		
September	8	- Prerequisites Section 5 <u>Homework:</u> Worksheet	5
September	9	- Prerequisites Section 6 <u>Homework:</u> Worksheet	6
September	10	- Prerequisites Section 7 <u>Homework:</u> Worksheet	7
September	11	- Prerequisites Review <u>Homework:</u> Page 60-62 TBD	8
September	12	- Prerequisites Test	9

Week 3

September	15	- Chapter 1 Section 1	10
		<u>Homework:</u> Worksheet	
September	16	- Chapter 1 Section 2 (Domain and Range --- Inc/Dec Functions)	11
		<u>Homework:</u> Worksheet	
September	17	- Chapter 1 Section 2 (Boundedness – End Behavior)	12
		<u>Homework:</u> Worksheet	
September	18	- Chapter 1 Section 3 (Twelve Basic Functions)	13
		<u>Homework:</u> Worksheet	
September	19	- Chapter 1 Section 3 (Analyzing Functions Graphically)	14
		<u>Homework:</u> Worksheet	

Week 4

September	22	- Chapter 1 Section 4 (Combining Functions Algebraically, Compositions of Functions)	15
		<u>Homework:</u> Worksheet	
September	23	- *****Quiz Chapter 1 Sections 1 - 3***** Chapter 1 Section 4 (Compositions of Functions, Relations and Implicitly Defined Functions) <u>Homework:</u> Worksheet	16
September	24	- Chapter 1 Section 5 (Parametric Relations and Inverse Functions)	17
		<u>Homework:</u> Worksheet	
September	25	- Chapter 1 Section 5 (Inverse Functions)	18
		<u>Homework:</u> Worksheet	
September	26	- Chapter 1 Section 6 (Transformations)	19
		<u>Homework:</u> Worksheet	

Week 5

September	29	- Chapter 1 Section 6 (Combining Transformations) <u>Homework:</u> Worksheet	20
September	30	- Chapter 1 Section 7 (Modeling with Functions) <u>Homework:</u> Worksheet	21
October	1	- *****Quiz Chapter 1 Sections 4 – 6***** Chapter 1 Section 7 (Modeling with Functions) <u>Homework:</u> Worksheet	22
October	2	- Chapter 1 Review <u>Homework:</u> page 152 TBD	23
October	3	- Chapter 1 Test	24

Week 6

October	6	- Chapter 2 Section 1 (polynomial Functions, Linear Functions, Average Rate of Change, Linear Correlation and Modeling) <u>Homework:</u> Worksheet	25
October	7	- Chapter 2 Section 1 (Quadratic Functions, Graphs, Applications) <u>Homework:</u> Worksheet	26
October	8	- Chapter 2 Section 2 (Power Functions, Variations, Monomial Functions and their Graphs) <u>Homework:</u> Worksheet	27
October	9	- Chapter 2 Section 2 (Graphs of Power Functions and Modeling with Power Functions) <u>Homework:</u> Worksheet	28
October	10	- 1st term ends Chapter 2 Section 3(Graphing and End Behavior) <u>Homework:</u> Worksheet	29

Week 7

October	13	-	Chapter 2 Section 3 (Zeroes, Intermediate Value Theorem, Modeling) <u>Homework:</u> Worksheet	30
October	14	-	Chapter 2 Section 4 (Long and Synthetic Division, Remainder and Factor Theorems) <u>Homework:</u> Worksheet	31
October	15	-	Parent Teacher Conferences *****Quiz Chapter 2 Sections 1 – 3***** Chapter 2 Section 4 (Rational Zeros, and Bounds) <u>Homework:</u> Worksheet	32
October	16	-	No Class	
October	17	-	No Class	

Week 8

October	20	-	Chapter 2 Section 5 <u>Homework:</u> Worksheet	33
October	21	-	Chapter 2 Section 5 <u>Homework:</u> Worksheet	34
October	22	-	Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes) <u>Homework:</u> Worksheet	35
October	23	-	Chapter 2 Section 6(Analyzing Graphs) <u>Homework:</u> Worksheet	36
October	24	-	Chapter 2 Section 7 (Solving Rational Equations, Extraneous Solutions) <u>Homework:</u> Worksheet	37

Week 9

October	27	-	*****Quiz Chapter 2 Sections 4 – 6 ***** Chapter 2 Section 7 (Applications) <u>Homework:</u> Worksheet	38
October	28	-	Chapter 2 Section 8 (Polynomial Inequalities) <u>Homework:</u> Worksheet	39
October	29	-	Chapter 2 Section 8 (Rational Inequalities, Other Inequalities and Applications) <u>Homework:</u> Worksheet	40
October	30	-	Chapter 2 Review <u>Homework:</u> Page 246 – 249 TBD	41
October	31	-	Chapter 2 Test	42

Week 10

November	3	-	Chapter 3 Section 1 <u>Homework:</u> Worksheet	43
November	4	-	Chapter 3 Section 2 (Constant Percentage Rate, Rate and Exponential Functions, Exponential Growth and Decay Models) <u>Homework:</u> Worksheet	44
November	5	-	Chapter 3 Section 3 (Logarithmic Functions and their Graphs) <u>Homework:</u> Worksheet	45
November	6	-	Chapter 3 Section 4 (Properties of Logarithms, Change of Base, Graphs of Logarithmic Functions with Base b, and Re-expressing Data) <u>Homework:</u> Worksheet	46
November	7	-	Chapter 3 Section 5 (Solving Exponential Equations and Logarithmic Equations, Orders of Magnitude and Logarithmic Models) <u>Homework:</u> Worksheet	47

Week 11

November	10	-	*****Quiz Chapter 3 Sections 1 – 4	48
			Chapter 3 Section 5(Solving Exponential Equations and Logarithmic Equations, Newton’s Law of cooling, Logarithmic Re-expression)	
			<u>Homework:</u> Worksheet	
November	11	-	Chapter 3 Section 6 (Interest Compounded Annually, k times per year, and Continuously)	49
			<u>Homework:</u> Worksheet	
November	12	-	Chapter 3 Section 6(Annual Percentage Yield, Annuities—Future Value, Loans and Mortgages—Present Value.	50
			<u>Homework:</u> Worksheet	
November	13	-	Chapter 3 Review	51
			<u>Homework:</u> Page 314-317 TBD	
November	14	-	Practice ACT Test for Juniors Hours 1&2. CHAPTER 3 TEST	52

Week 12

November	17	-	Chapter 4 Section 1 (Angles and their measures)	53
			<u>Homework:</u> Worksheet	
November	18	-	Chapter 4 Section 2 (Trigonometric Functions of Acute Angles)	54
			<u>Homework:</u> Worksheet	
November	19	-	Chapter 4 Section 3	55
			<u>Homework:</u> Worksheet	
November	20	-	Chapter 4 Section 3	56
			<u>Homework:</u> Worksheet	
November	21	-	Chapter 4 Section 4	57
			<u>Homework:</u> Worksheet	

Week 13

November	24	-	2nd Term ends - Parent Teacher Conferences Chapter 4 Section 4 <u>Homework:</u> Worksheet	58
November	25	-	*****Quiz Chapter 4 Sections 1 – 3*****	59
November	26	-	NO CLASS	
November	27	-	NO CLASS	
November	28	-	NO CLASS	

Week 14

December	1	-	NO CLASS	
December	2	-	Chapter 4 Section 5 <u>Homework:</u> Worksheet	60
December	3	-	Chapter 4 Section 5 <u>Homework:</u> Worksheet	61
December	4	-	Chapter 4 Section 6 <u>Homework:</u> Worksheet	62
December	5	-	Chapter 4 Section 6 <u>Homework:</u> Worksheet	63

Week 15

December	8	- Chapter 4 Section 7 <u>Homework:</u> Worksheet	64
December	9	- *****Quiz Chapter 4 Sections 4 – 6***** Chapter 4 Section 7 <u>Homework:</u> Worksheet	65
December	10	- Chapter 4 Section 8 <u>Homework:</u> Worksheet	66
December	11	- Chapter 4 Section 8 <u>Homework:</u> Worksheet	67
December	12	- Chapter 4 Review <u>Homework:</u> Page 398-401 TBD	68

Week 16

December	15	- ***Exam Review Packet 41-53 Due*** Chapter 4 Review <u>Homework:</u> Page 398-401 TBD	69
December	16	- Chapter 4 Test	70
December	17	- Chapter 5 Section 1 <u>Homework:</u> Worksheet	71
December	18	- Chapter 5 Section 1 <u>Homework:</u> Worksheet	72
December	19	- Chapter 5 Section 2 <u>Homework:</u> Worksheet	73

Week 17

January	5	-	***Exam Review Packet NC Front Page Due***	74
			Chapter 5 Section 2	
			<u>Homework:</u> Worksheet	
January	6	-	Chapter 5 Section 3	75
			<u>Homework:</u> Worksheet	
January	7	-	Chapter 5 Section 3	76
			<u>Homework:</u> Worksheet	
January	8	-	Chapter 5 Section 4	77
			<u>Homework:</u> Worksheet	
January	9	-	*****Quiz Chapter 5 Sections 1 – 3*****	78
			Chapter 5 Section 4	
			<u>Homework:</u> Worksheet	

Week 18

January	12	-	***Exam Review Packet 26-40 Due***	79
			Chapter 5 Section 5	
			<u>Homework:</u> Worksheet	
January	13	-	Chapter 5 Section 5	80
			<u>Homework:</u> Worksheet	
January	14	-	Chapter 5 Section 6	81
			<u>Homework:</u> Worksheet	
January	15	-	***Exam Review Packet 54-66 Due***	82
			Chapter 5 Review	
			<u>Homework:</u> Page 450-52 TBD	
January	16	-	Chapter 5 Test	83

Week **19**

January 19 - NO CLASS

January 20 - Exam Review Day 84
 ****Exam Review Packet 1-25 Due****

January 21 - Exam -- Written Short Answer 85

January 22 - Exam -- Multiple Choice (HR 3&4) 86

January 23 - Exam -- Multiple Choice (HR 1&2) 87