

Lesson	Date	Day	Unit / Chapter	Lesson Objective	Resource Materials - Texts, Lesson Handouts/Packages	Homework and Daily Assignments	Graded Assessments, Applications & Computer Projects	REM	
	12/24/17 - 1/5/18							Christmas Break	
	1/8/18	Mon						Teacher Training	
1	1/9/18	Tue	-	Introductions / Class Rules	Receive Texts	Read Text Sec 1.1 and 1.2	None	Start 3rd Quarter	
2	1/10/18	Wed	Chapter 1 - Equations and Inequalities	Real Numbers/Operations Algebraic Expressions and Models	Sec 1.1 - 1.2	Complete Lesson 1.2 B (odds)	None		
3	1/11/18	Thu		Solving Linear Equations	Sec 1.3	Complete Sec 1.3 B (odds)	None		
4	1/12/18	Fri		Rewriting Equations and Formulas	Sec 1.4	Complete Sec 1.4 B (odds)	Pre-Sec 1.4 Warm-Up Quiz		
5	1/15/18	Mon		Problem Solving	Sec 1.5	Complete Sec 1.5 B (odds)	Pre-Sec 1.5 Warm-Up Quiz	<b>No Computer Lab</b>	
6	1/16/18	Tue		Solving Linear Inequalities	Sec 1.6	Complete Sec 1.6 B (odds)	Pre-Sec 1.6 Warm-Up Quiz		
7	1/17/18	Wed		Solve Absolute Value Equalities and Inequalities	Sec 1.7	Complete Sec 1.7 (all)	Pre-Sec 1.7 Warm-Up Quiz	delayed start	
8	1/18/18	Thu			Sec 1.7 (b)		None		
9	1/19/18	Fri			<b>Chapter 1 Exam</b>	<b>All Chapter 1 Sections</b>		<b>Chapter 1 Exam</b>	
10	1/22/18	Mon		Lab	Learn to graph real functions and ABS functions on Excel	Teacher Handout		Basic Excel Computer Lab	
11	1/23/18	Tue	Chapter 2 - Linear Equations and Functions	Functions	Sec 2.1	Complete Sec 2.1 B (odds)	None		
12	1/24/18	Wed		Rates of Change	Sec 2.2	Complete Sec 2.2 B (odds)	Pre-Sec 2.2 Warm-Up Quiz	Relate to Physics and Calculus	
13	1/25/18	Thu		Graphs of Linear Functions	Sec 2.3	Complete Sec 2.3 B (odds)	Pre-Sec 2.3 Warm-Up Quiz		
14	1/26/18	Fri		Study Types of Linear Equations	Sec 2.4	Complete Sec 2.4 B (odds)	Pre-Sec 2.4 Warm-Up Quiz		
15	1/29/18	Mon			Basic Excel Computer Lab				
16	1/30/18	Tue			Correlation, Covariance, and Line of "Best Fit"	Sec 2.5	Complete Sec 2.5 B (odds)	Pre-Sec 2.5 Warm-Up Quiz	
17	1/31/18	Wed			Graphing Linear Inequalities	Sec 2.6	Complete Sec 2.6 B (odds)	Pre-Sec 2.6 Warm-Up Quiz	
18	2/1/18	Thu			Study Piecewise functions	Sec 2.7	Complete Sec 2.7 B (odds)	Pre-Sec 2.7 Warm-Up Quiz	Precalc piecewise functions too
19	2/2/18	Fri			Absolute Value functions	Sec 2.8	Complete Sec 2.8 B (odds)	Pre-Sec 2.8 Warm-Up Quiz	
20	2/5/18	Mon			Regression Analysis with Excel				
21	2/6/18	Tue			<b>Chapter 2 Exam</b>	<b>All Chapter 2 Sections</b>			
22	2/7/18	Wed	Chapter 3 - Linear Systems	Linear Systems by Graphical Solution	Sec 3.1	Complete Sec 3.1 B (odds)	None		
23	2/8/18	Thu		Solving Systems of Linear Equations Algebraically	Sec 3.2	Complete Sec 3.2 B (odds)	Pre-sec 3.2 Warm-Up Quiz		
24	2/9/18	Fri			Sec 3.3	Complete Sec 3.3 B (odds)	Pre-Sec 3.3 Warm-Up Quiz		
25	2/12/18	Mon			Regression Analysis with Excel				
26	2/13/18	Tue		Linear Programming by hand and with an introduction to LINDO/LINGO	Sec 3.4 (a)	Complete Sec 3.4 (a) B (odds)	Pre-Sec 3.4 (a) Warm-Up Quiz		
27	2/14/18	Wed			Sec 3.4 (b)	Complete Sec 3.4 (b) B (odds)	None	delayed start	
28	2/15/18	Thu		Graphing Systems of Equations in 3 variables	Sec 3.5	Complete Sec 3.5 B (odds)	Pre-Sec 3.5 Warm-Up Quiz		
29	2/16/18	Fri			Sec 3.6	Complete Sec 3.6 B (odds)	None		
30	2/19/18	Mon			Linear Programming with LINDO/LINGO				
31	2/20/18	Tue			<b>Chapter 3 Exam</b>	<b>All Chapter 3 Sections</b>			
32	2/21/18	Wed	Chapter 4 - Matrices & Determinants	Basic Matrix Operations	Sec 4.1	Complete Sec 4.1 B (odds)	None		
33	2/22/18	Thu		Multiplying Arrays	Sec 4.2	Complete Sec 4.2 B (odds)	Pre-Sec 4.2 Warm-Up Quiz		
34	2/23/18	Fri		Determinants and Cramer's Rule	Sec 4.3	Complete Sec 4.3 B (odds)	Pre-Sec 4.3 Warm-Up Quiz		
35	2/26/18	Mon			Linear Programming with LINDO/LINGO				
36	2/27/18	Tue		Inverse Arrays	Sec 4.4	Complete Sec 4.4 B (odds)	Pre-Sec 4.4 Warm-Up Quiz		
37	2/28/18	Wed		Solving Systems of Linear Equations Using Arrays	Sec 4.5	Complete Sec 4.5 B (odds)	Pre-Sec 4.5 Warm-Up Quiz		
38	3/1/18	Thu			Sec 4.5	Complete Sec 4.5 B (odds)	None		
39	3/2/18	Fri			<b>Chapter 4 Exam</b>	<b>All Chapter 4 Sections</b>			
40	3/5/18	Mon		Lab	Linear Programming Lab				
41	3/6/18	Tue	Chapter 5 - Quadratics	Solving Quadratic Equations Graphically	Sec 5.1	Complete Sec 5.1 B (odds)	None		
42	3/7/18	Wed		Solve Quadratics with Factoring and Square Roots	Sec 5.2 and 5.3	Complete Sec 5.2 and 5.3 B (odds)	None		
43	3/8/18	Thu		Complex Numbers	Sec 5.4	Complete Sec 5.4 B (odds)	Pre-Sec 5.4 Warm-Up Quiz		
44	3/9/18	Fri							
45	3/12/18	Mon			Linear Programming Lab				
46	3/13/18	Tue			Complete the Square	Sec 5.5	Complete Sec 5.5 B (odds)	Pre-Sec 5.5 Warm-Up Quiz	

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47	3/14/18	Wed		Quadratic Formula and Discriminants	Sec 5.6	Complete Sec 5.6 B (odds)	Pre-Sec 5.6 Warm-Up Quiz	delayed start
48	3/15/18	Thu		Modeling and Quadratic Formulas	Sec 5.7	Complete Sec 5.7 B (odds)	None	End 3rd Quarter
	3/16/18	Fri				<b>Chapter 5 Take-home Exam</b>		teacher flex day
	3/19-23/2018							Spring Break
49	3/26/18	Mon	Chapter 6 - Polynomials	Laws of Exponents	Sec 6.1	Complete Sec 6.1 B (odds)	None	Start 4th Quarter
50	3/27/18	Tue		Graphing polynomial functions	Sec 6.2	Complete Sec 6.2 B (odds)	None	
51	3/28/18	Wed		Polynomial Operations	Sec 6.3	Complete Sec 6.3 B (odds)	Pre-Sec 6.3 Warm-Up Quiz	
52	3/29/18	Thu		Factoring and Solving Polynomials	Sec 6.4	Complete Sec 6.4 B (odds)	Pre-Sec 6.4 Warm-Up Quiz	
53	3/30/18	Fri		Remainder and Factor Theorems	Sec 6.5	Complete Sec 6.5 B (odds)	Pre-Sec 6.5 Warm-Up Quiz	
	4/2/18	Mon		Quadratic Computer Lab				No School - Mid-Spring Break
54	4/3/18	Tue		Finding Rational Zeros	Sec 6.6	Complete Sec 6.6 B (odds)	Pre-Sec 6.6 Warm-Up Quiz	
55	4/4/18	Wed		Using the Fundamental Theorem of Algebra	Sec 6.7	Complete Sec 6.7 B (odds)	None	
56	4/5/18	Thu		Graphs of Polynomial Functions	Sec 6.8	Complete Sec 6.8 B (odds)	None	
57	4/6/18	Fri		Descartes's Rules of Signs, etc.	Teacher Notes	Teacher Problems	None	
58	4/9/18	Mon		Quadratic Computer Lab				
59	4/10/18	Tue	<b>Chapter 6 Exam</b>	<b>All Chapter 6 Material</b>				
60	4/11/18	Wed	Chapter 7 - Powers, Roots, and Radicals	nth Roots and Rational Exponents	Sec 7.1	Complete Sec 7.1 B (odds)	None	delayed start
61	4/12/18	Thu		Properties of Rational Exponents	Sec 7.2	Complete Sec 7.2 B (odds)	Pre-Sec 7.2 Warm-Up Quiz	
62	4/13/18	Fri		Power Functions	Sec 7.3	Complete Sec 7.3 B (odds)	Pre-Sec 7.3 Warm-Up Quiz	
63	4/16/18	Mon		Quadratic Computer Lab				
64	4/17/18	Tue		Inverse Functions	Sec 7.4	Complete Sec 7.4 B (odds)	Pre-Sec 7.4 Warm-Up Quiz	
65	4/18/18	Wed		Graphing square root and cube root functions	Sec 7.5	Complete Sec 7.5 B (odds)	None	
66	4/19/18	Thu		Solving Radical Equations	Sec 7.6	Complete Sec 7.6 B (odds)	Pre-Sec 7.6 Warm-Up Quiz	
67	4/20/18	Fri		Descriptive Statistics: $\mu$ , $\sigma$ , etc.	Sec 7.7	Complete Sec 7.7 B (odds)	None	
68	4/23/18	Mon		Exponential Computer Lab				
69	4/24/18	Tue		<b>Chapter 7 Exam</b>	<b>All Chapter 7 Material</b>			
70	4/25/18	Wed	Chapter 8 - EXP and LN Functions	Exponential Growth	Sec 8.1	Complete Sec 8.1 B (odds)	Pre-Sec 8.1 Warm-Up Quiz	
71	4/26/18	Thu		Money and Compound Interest	Teacher Notes	Teacher Problems	None	
72	4/27/18	Fri		Exponential Decay	Sec 8.2	Complete Sec 8.2 B (odds)	Pre-Sec 8.2 Warm-Up Quiz	
73	4/30/18	Mon		Exponential Computer Lab				
74	5/1/18	Tue		The Number e	Sec 8.3	Complete Sec 8.3 B (odds)	Pre-Sec 8.3 Warm-Up Quiz	
75	5/2/18	Wed		Inverse Functions	Teacher Notes	Teacher Problems	None	
76	5/3/18	Thu		Log Functions	Sec 8.4	Complete Sec 8.4 B (odds)	Pre-Sec 8.4 Warm-Up Quiz	
	5/4/18	Fri						No School - Blossom
	5/7/18	Mon						Snow Day - Flex
77	5/8/18	Tue		Properties of Logs	Sec 8.5	Complete Sec 8.5 B (odds)	Pre-Sec 8.5 Warm-Up Quiz	
78	5/9/18	Wed		Solving Exponential and Logarithmic Equations	Sec 8.6	Complete Sec 8.6 B (odds)	Pre-Sec 8.6 Warm-Up Quiz	delayed start
79	5/10/18	Thu			More Sec 8.6		None	
80	5/11/18	Fri		Modeling Problems	Sec 8.7	Complete Sec 8.7 B (odds)	Pre-Sec 8.7 Warm-Up Quiz	
81	5/14/18	Mon		Exponential Computer Lab				
82	5/15/18	Tue	Modeling Problems	More Sec 8.7		NONE		
83	5/16/18	Wed	Logistic Equations	Sec 8.8	Complete Sec 8.8 B (odds)	Pre-Sec 8.8 Warm-Up Quiz		
84	5/17/18	Thu	More Logistic Equation	Chaos Example Application		None		
85	5/18/18	Fri	<b>Chapter 8 Exam (A)</b>	<b>Exponential / Log Mathematics</b>				
86	5/21/18	Mon	Exponential Computer Lab				Last Lab	
87	5/22/18	Tue	<b>Chapter 8 Exam (B)</b>	<b>Exponential / Log Word Problems</b>				
88	5/23/18	Wed	Finalize All Labs					
89	5/24/18	Thu		Check out			Graduation	
90	5/25/18	Fri		Check out			Last 1/2 Day	
	5/28/18	Mon					Memorial Day	