

Unit 1 Patterns of Change	Lesson 1 Cause and Effect		
	<i>Investigations</i>	# 45 minute blocks	# 90 minute blocks
	1 Physics and Business at Five Star Amusement Park	3	1.5
	3 Trying to Get Rich Quick	3	1.5
	Quiz	1	1
	Total	7	4

Unit 2 Patterns in Data	Lesson 1 Exploring Distributions		
	<i>Investigations</i>		
	1 Shapes of Distributions	6	3
	* Two-Way Frequency Tables	4	2
	2 Measures of Center	4	2
	Quiz	1	1
	Lesson 2 Measuring Variability		
	<i>Investigations</i>		
	1 Measuring Position	2	1
	2 Measuring and Displaying Variability: The Five Number Summary and Box Plots	4	2
	4 Measuring Variability: The Standard Deviation	4	2
	Quiz	1	1
	Review and Test	2	2
	Total	28	16

Unit 3 Linear Functions	Lesson 1 Modeling Linear Relationships		
	<i>Investigations</i>		
	1 Getting Credit	2	1
	2 Symbolize It	4	2
	Quiz	1	0.5
	3 Fitting Lines	4	2
	* Causality	2	1
	Quiz	1	1
	Lesson 2 Linear Equations and Inequalities		
	<i>Investigations</i>		
	1 Who Will Be the Doctor?	4	2
	2 Using Your Head	1	0.5
	3 Using Your Head ... More or Less	2	1
	4 Making Comparisons	4	2
	Quiz	1	1
	Lesson 3 Equivalent Expressions		
	<i>Investigations</i>		
	1 Different, Yet the Same	5	2.5
	Quiz	1	0.5
	Review and Test	4	2
	Total	36	19

Unit 5 Exponential Functions	Lesson 1 Exponential Growth		
	<i>Investigations</i>		
	1 Counting in Tree Graphs	2	1
	2 Getting Started	4	2
	3 Compound Interest	2	1
	4 Modeling Data Patterns	2	1
	5 Properties of Exponents I	2	1
	Quiz	1	1
	Lesson 2 Exponential Decay		
	<i>Investigations</i>		
	1 More Bounce to the Ounce	3	1.5
	2 Medicine and Mathematics	2	1
	3 Modeling Decay	2	1
	4 Properties of Exponents II	2	1
	5 Square Roots and Radicals	4	2
	Quiz	1	1
	Review and Test	4	2
	Total	31	16.5

Supplemental Geometry Unit	Lesson 1 A Coordinate Model of a Plane		
	<i>Investigations</i>		
	1 Representing Geometric Ideas with Coordinates	4	2
	2 Reasoning with Slopes and Lengths	4	2
	Quiz	1	1
	Lesson Connecting Algebra to Geometric Properties		
	* Use Formulas for Area and Volume to solve problems	5	2.5
	Quiz	1	0.5
	Total	15	8

Unit 7 Quadratic Functions	Lesson 1 Quadratic Patterns		
	<i>Investigations</i>		
	1 Pumpkins in Flight	4	2
	2 Golden Gate Quadratics	3	1.5
	3 Patterns in Tables, Graphs, and Rules	4	2
	Quiz	1	1
	Lesson 2 Equivalent Quadratic Expressions		
	<i>Investigations</i>		
	1 Finding Expressions for Quadratics Patterns	2	1
	* C2 Inv 3 Expanding and Factoring	6	3
	Quiz	1	1
	Lesson 3 Solving Quadratic Equations		
	<i>Investigations</i>		
	1 Solving $ax^2+c=d$ and $ax^2+ bx = 0$	4	2
	* Solving $x^2+bx+c=0$	2	1
	Quiz	2	1
	Review and Test	4	2
	Total	33	17.5

C2 Unit 1 Functions, Equations, and Systems	Lesson 2 Systems of Linear Equations		
	<i>Investigations</i>		
	L1 2 Linear Functions and Equations	4	2
	1 Solving with Graphs and Substitution	4	2
	2 Solving by Elimination	3	1.5
	Review and Test	3	2
	Total	14	7.5
	Total for course		
	164	88.5	