

Unit	#	Lesson	Title	Week Starting	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
1. Representing Relationships	1	A1.1.2	Visual Patterns	Aug 26	Solving Problems With Tables			
	2	A1.1.3	More Visual Patterns		Solving Problems With Expressions			
	3	A1.1.4	Dominoes		Solving Problems With Graphs			
	4	A1.1.5	Growing Globbs		Patterns of Growth			
	5	A1.1.7	Exploring Equations	Sep 2 No class on Labor Day	Growth in Tables and Equations			
			Quiz					
	6	A1.1.8	Carlos's Fish	Sep 9	Equations of Exponential Relationships			
	7	A1.1.10	Going Viral		Graphs and Exponential Relationships			
	8	A1.1.11	Predicting Diseases		Linear and Exponential Modeling			
			End Assessment					
2. Linear Equations and Inequalities	9	A1.2.1	Hang On	Sep 16	Solving Equations With Balanced Moves			
	10	A1.2.2	Working Backwards		Solving Equations With Inverse Operations			
	11	A1.2.5	Same Position		No Solution and Infinite Solutions			
	12	A1.2.6	Subway Seats	Sep 23	Representing Situations With Two-Variable Equations			
	13	A1.2.8	Shelley the Snail		Connecting Graphs and Linear Equations			
			Quiz					
	14	A1.2.10	Pizza Delivery	Sep 30	Representing Situations With One-Variable Inequalities			
	15	A1.2.11	Graphing Inequalities		Inequalities on the Number Line			
	16	A1.2.12	Solutions and Sheep		Solving One-Variable Inequalities			
	17	A1.2.13	Bracelet Budgets	Oct 7	Introduction to Two-Variable Inequalities			
	18	A1.2.14	All the Solutions		Graphing Solutions to Two-Variable Inequalities			
			Assessment					
3. Describing Data	19	A1.3.1	Survey Says	Oct 14	What Kinds of Data Can I Collect?			
	20	A1.3.2	Love It or Hate It		Revisiting Dot Plots and Histograms			
	21	A1.3.3	Better Weather		Revisiting Box Plots			
	22	A1.3.4	Shapes of Data	Oct 21	Describing Data Sets			
	23	A1.3.5	Quick Click		Revisiting Measures of Center			
	24	A1.3.6	Finding Desmo		Introduction to Standard Deviation			
	25	A1.3.8	Racecar	Oct 28	Comparing Data Using Median and IQR			
	26	A1.3.9	Far Out		Identifying Outliers			
			Quiz					
	27	A1.3.11	Correlation Coefficient	Nov 4	Introduction to Correlation Coefficient			
	28	A1.3.12	How Hot Is It?		Comparing Data Using Mean and Standard Deviation			
	29	A1.3.13	City Slopes		Interpreting Slope and Vertical Intercept in Context			
	30	A1.3.14	Residual Fruit	Nov 4	Residuals and Residual Plots			
	31	A1.3.15	Penguin Populations		Using Technology to Generate the Line of Best Fit			
			Assessment					
4. Describing Functions	32	A1.4.1	Mystery Rule	Nov 11	What Is a Function?			
	33	A1.4.2	Pricing Pizzas		Introducing Function Notation			
	34	A1.4.3	Toy Factory		Function Notation and Equations			
			Quiz 1					
	35	A1.4.5	Function Carnival	Nov 18	Creating and Interpreting Graphs of Functions			
	36	A1.4.6	Craft-a-Graph		Key Features of Graphs			
	37	A1.4.7	Plane, Train, and Automobile		Average Rate of Change			
	38	A1.4.8	Space Race		Comparing Graphs			
	39	A1.4.10	Elevator Stories	Dec 2	Describing Domain and Range With Inequalities			
	40	A1.4.11	Marbleslides		Graphing Functions With Restrictions			
	41	A1.4.12	Graduation Graphs		Functions in Context			
			Quiz 2					
	42	A1.4.13	Pumpkin Prices	Dec 9	Piecewise-Defined Functions, Part 1			
	43	A1.4.15	What's Your Score?		Absolute Value Functions, Part 1			
	44	A1.4.16	Absolute Value Machines		Absolute Value Functions, Part 2			
			Assessment					
			End of Semester 1					

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