Jnit	#	Lesson	Title	Week Starting	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
J.At	1		Visual Patterns		Solving Problems With Tables	Date completed	Traduce Tradicine Completed	nate year mastery on a seale of 1 10
SC	2		More Visual Patterns	Aug 26	Solving Problems With Tables Solving Problems With Expressions			
ids	3			Aug 20	-			
Ę		A1.1.4	Dominoes		Solving Problems With Graphs			
<u>e</u>	4		Growing Globs	Sen 2 No class on Labor	Patterns of Growth			
D F	5	A1.1.7	Exploring Equations	Day	Growth in Tables and Equations			
Representing Relationships			Quiz					
ese.	6		Carlos's Fish		Equations of Exponential Relationships			
de	7		Going Viral	Sep 9	Graphs and Exponential Relationships			
<del>-</del>	8	A1.1.11	Predicting Diseases		Linear and Exponential Modeling			
			End Assessment					
	9	A1.2.1	Hang On		Solving Equations With Balanced Moves			
es	10	A1.2.2	Working Backwards	Sep 16	Solving Equations With Inverse Operations			
2. Linear Equations and Inequalities	11	A1.2.5	Same Position		No Solution and Infinite Solutions			
nbe	12		Subway Seats		Representing Situations With Two-Variable Equation	s		
드	13		Shelley the Snail		Connecting Graphs and Linear Equations			
ä	.0		Quiz	Sep 23	3			
Suo	14	A1 2 10	Pizza Delivery		Representing Situations With One-Variable Inequalit	ies		
nati	15		Graphing Inequalities		Inequalities on the Number Line			
흅	16		Solutions and Sheep	Sep 30	Solving One-Variable Inequalities			
ear	17		Bracelet Budgets	ОСРОО	Introduction to Two-Variable Inequalities			
5	18		All the Solutions		Graphing Solutions to Two-Variable Inequalities			
6	10	A1.2.14	Assessment	Oct 7	Graphing Solutions to Two-variable inequalities			
			Assessment					
	19	A1.3.1	Survey Says		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 14	Describing Data Sets			
	23	A1.3.5	Quick Click		Revisiting Measures of Center			
Describing Data	24	A1.3.6	Finding Desmo	Oct 21	Introduction to Standard Deviation			
D D	25	A1.3.8	Racecar		Comparing Data Using Median and IQR			
į	26	A1.3.9	Far Out		Identifying Outliers			
SCI			Quiz					
3. D	27	A1.3.11	Correlcation Coefficient		Introduction to Correlation Coefficient			
(1)	28		How Hot Is It?	Oct 28	Comparing Data Using Mean and Standard Deviation	n		
	29	A1.3.13	City Slopes		Interpreting Slope and Vertical Intercept in Context			
	30		Residual Fruit		Residuals and Residual Plots			
	31		Penguin Populations		Using Technology to Generate the Line of Best Fit			
			Assessment		3 11 13, 11 11 11 11			
	32		Mystery Rule		What Is a Function?			
	33		Pricing Pizzas		Introducing Function Notation			
	34	A1.4.3	Toy Factory	Nov 11	Function Notation and Equations			
			Quiz 1					
	35		Function Carnival		Creating and Interpreting Graphs of Functions			
ons	36		Craft-a-Graph		Key Features of Graphs			
ncti	37		Plane, Train, and Automobile	Nov 18	Average Rate of Change			
₫	38		Space Race		Comparing Graphs			
Describing Functions	39		Elevator Stories		Describing Domain and Range With Inequalities			
Scrik	40		Marbleslides	Dec 2	Graphing Functions With Restrictions			
Des	41	A1.4.12	Graduation Graphs		Functions in Context			
4.			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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nit	#	Lesson	Title	Week Starting	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-
ms of Linear Equations and Inequalities	45		Shape It Up	lor 10	Introduction to Systems of Equations			
	46		Eliminating Shapres	Jan 13	Introduction to Elimination			
ities	47		Solution by Substitution		Solving Systems by Substitution			
ra	48	A1.5.5 A1.5.8		Jan 20 No class MLK	Graphing Systems of Linear Equations			
nec	49		Electric Line Zapper	Day	Strategically Solving Systems of Linear Equations			
- P			Quiz					
and	50 51		Quilts	ions Jan 27	Introduction to Systems of Inequalities			
			Seeking Solutions		Solutions to Systems of Inequalities			
_			Assessment					
	52	A1.6.1	Shape Patterns		Rate of Change and Growth Factor			
	53	A1.6.2	Under the Sea		Key Features in Population Growth			
SE	54	A1.6.4	Bank Accounts	Feb 3	Introducing Simple and Compound Interest			
5	55		Carlos and Corals		Evaluating Exponential Functions			
Ē	56	A1.6.6	Break Through Exponentials		Writing Equations of Exponential Functions			
<u>a</u>	57		Growing Mold	Feb 10	Percent Increase and Decrease			
en en			Quiz					
Exponential Functions	58	A1.6.10	Payday Loan		Revisiting Compound Interest			
û o	59		Credit Card Compounding		Different Compounding Intervals			
	60		Detroit's Population	Feb 17	Modeling Data and Goodness of Fit			
			Assessment					
		:						
	61		Revisiting Visual Patterns, Part 1		A New Type of pattern			
	62		Revisiting Visual Patterns, Part 2		Expressions for Quadratic Patterns			
	63		On the Fence	Feb 24	Quadratics in Context			
	64		Stomp Rockets		Projectiles and Predictions			
	65	A1.7.6	Plenty of Parabolas		Key Features of Parabolas			
Suc			Quiz 1	Mar 3				
Ctic	66		What's My Graph?		Creating Graphs of Quadratics			
Ē	67	A1.7.10	Interesting Intercepts		Intercepts in Factored and Standard Forms			
Quadratic Functions			Spring Break					
adra	68	A1.7.11	Parabola Zapper		Graphing Parabolas in Factored Form			
ğ	69	A1.7.12	Break Through Parabolas	Mar 17	Building Quadratics in Factored Form			
·.			Quiz 2	IVIGI 17				
	70	A1.7.14	Shift and Stretch		Vertical Translations and Stretches of Quadratic Fun	nctions		
	71	A1.7.15	Vertex Form	Mar 24	Investigating Vertex Form			
	72	A1.7.16	Through the Gates		Writing Equations of Quadratic Functions			
	73	A1.7.17	Reasonable Rent	IVIGI 24	Putting It All Together			
			Assessment					
	74	A1.8.1	Two Factor Multiplication		Rewriting Factored-Form Expressions in Standard I	Form		
	75		Standard Feature	Mar 31	Patterns in Factored-Form and Standard-Form Exp			
	76		X-Factor		Factoring Quadratic Expressions	103310113		
	77		Form Up		More Factoring Quadratic Expressions			
	78		Shooting Stars	Apr 7	Determining the -Intercepts of Quadratic Functions			
S	79		Make It Zero		Solving Quadratic Equations Using the Zero-Produc			
ë	19	A1.0.0	Quiz		Solving Quadratic Equations Osing the Zero-Froduc	ot Froperty		
da:	80	Λ1 0 7	Zero, One, or Two?		Solving Equations by Reasoning			
ŭ	80 81		Graph to Solve	Apr 14	Solving Equations by Reasoning Solving Quadratic Equations by Graphing			
ig .	82		· ·	Apr 14				
Quadratic Equations			Square Dance		Factoring Quadratic Expressions Solving by Completing the Square			
ენ დ	83		Square Tactic	Apr 21	Solving by Completing the Square			
-	84		Formula Foundations	APIZI	Introducing the Quadratic Formula	amula		
	85		Formula Fluency		Solving Quadratic Equations Using the Quadratic F	omidia		
	86		Storr Systems		Solving Quadratic Equations in Context			
	87	A1.8.17	Star Systems	Apr 28	Solving Systems of Linear and Quadratic Equations			
	88		Catch Up Day		TBD			
			Assessment					