	Lesson	Amplify	Title	Week	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
Area and Surface Area	1	6.1.01	Shapes on a Plane	Week 1	Exploring Area			
	2	6.1.02	Letters		Area Strategies			
	3	6.1.03	Exploring Parallelograms		Parallelograms on a Grid			
	4	6.1.05	Off the Grid Part 1		Calculating Areas of Parallelograms			
	5	6.1.06	Exploring Triangles	Week 2	Triangles on a Grid			
	6	6.1.07	Triangles and Parallelograms		Generalizing the Area of a Triangle			
	7	6.1.08	Off the Grid Part 2		Applying the Formula for the Area of a Triangle			
	8	6.1.09	Pile of Polygons		Investigating Polygons and Their Areas			
	Quiz		Quiz					
	9	6.1.12	Plenty of Polyhedra		Polyhedra and Their Faces			
	10	6.1.13	Nothing but Nets		Nets and Surface Area on a Grid			
	11	6.1.14	Face Value	Week 3	Surface Area Off of a Grid			
	End		End Assessment					
Introducing Ratios and Rates	12	6.2.02	Ratio Relationships	Week 4	Describing Ratios			
	13	6.2.03	Rice Ratios		Introduction to Equivalent Ratios			
	14	6.2.04	Fruit Lab		Creating Equivalent Ratios			
	15	6.2.04	Balancing Act		Introduction to Double Number Lines			
	16	6.2.08	Common Multiples and Factors		Investigating Multiples and Factors			
	17	6.2.09	Mixing Paint Part 1	Week 5	Comparing Ratios			
	18	6.2.10	Disaster Preparation		Using Ratio Tables with Large Quantities			
	19	6.2.11	Balloons		Solving Multistep Ratio Problems			
	20	6.2.13	Mixing Paint Part 2		Part-Part-Whole Ratios			
	21	6.2.14	City Planning		Applying Part-Part-Whole Ratios			
	Quiz		Quiz	Week 6				
	22	6.3.01	Many Measurements		Everyday Measurements			
	23	6.3.03	Pen Pals [1]		Converting Units			
	24	6.3.05	Model Trains		Comparing Rates			
	25	6.3.06	Soft Serve		Two Unit Rates			
	26	6.3.07	Welcome to the Robot Factory	Week 7	Using Unit Rates			
	End		End Assessment					
Fractions and Decimals	27	6.4.03	Flour Planner		How Many Groups Part 1			
	28	6.4.04	Flower Planters	Week 8	How Many in Each Group			
	29	6.4.05	Garden Bricks		How Many in Each Group			
	30	6.4.06	Fill the Gap		More or Less Than One Group			
	31	6.4.07	Break It Down		Using Common Denominators to Divide Fractions			
	32	6.4.08	Potting Soil		Dividing by Unit Fractions			
	33	6.4.09	Division Challenges	Week 9	Two Strategies for Dividing Fractions			
	34	6.4.12	Classroom Comparisons		Comparing Fractional Lengths			
	35	6.4.13	Puzzling Areas		Areas with Fractional Dimensions			
	Quiz		Quiz					
	36	6.5.02	Decimal Diagrams and Algorithms		Representing Decimals			
	37	6.5.04	Fruit by the Pound/Missing Digits	Week 10	Adding and Subtracting Decimals			
	38	6.5.05	Decimal Multiplication		Introduction to Multiplying Decimals			
	39	6.5.07	Multiplying with Areas		Using Area Models to Multiply Decimals			
	40	6.5.08	Multiplication Methods		Multiplying Decimals Using Vertical Calculations			
	41	6.5.10	Just Keep Dividing	Week 11	Dividing Whole Numbers Using Long Division			
	42	6.5.11	Division Diagrams		Making Sense of Decimal Division			
	43	6.5.12	Return of the Long Division		Long Division with Decimal Quotients			
	44	6.5.16	Grocery Prices [2]		Percentages as Decimals			
	End		End Assessment	Week 12				
Expressions and Equations	45	6.6.01	Weight for It		Reasoning About Unknown Values			
	46	6.6.02	Five Equations		Tape Diagrams, Equations, Contexts			
	47	6.6.03	Hanging Around		Introduction to Balanced Hangers			
	48	6.6.04	Hanging It Up		Solving Equations			
	49	6.6.05	Swap and Solve	Week 13	Solving Equations in Context			
	50	6.6.06	Vari-apples		Introduction to Variable Expressions			
	51	6.6.07	Border Tiles		Equivalent Expressions			
	52	6.6.08	Products and Sums		Distributive Property Part 1			
	53	6.6.09	Equivalent Expressions		Distributive Property Part 2			
	Quiz		Quiz	Week 14				
	54	6.6.10	Powers		What are Exponents?			
	55	6.6.11	Exponent Expressions		Exponents and Order of Operations			
	56	6.6.12	Squares and Cubes		Exponent Expressions With Variables			
	57	6.6.13	Turtles All the Way	Week 15	Stories and Tables and Variables, Oh My!			
	58	6.6.14	Representing Relationships		Interpreting Graphs of Relationships			
	59	6.6.15	Connecting Representations [3]		Tables, Equations, and Graphs of Relationships			
	60	6.6.16	Subway Fares [4]		Applying Relationships			
	End		End Assessment	Week 16				
Start New Unit	61	7.2.01	Paint		Using Equivalent Ratios			
	62	7.2.02	Balloon Float		Introducing Proportional Relationships With Tables			
	63	7.2.04	Robot Factory		Two Equations for Each Relationship			
			Semester Ends					

	Lesson	Amplify	Title	Week	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
Proportional and Nonproportional Relationships	64	7.2.05	Snapshots	Week 1	More Equations of Proportional Relationships			
	65	7.2.07	All Kinds of Equations		Equations of Proportional Relationships			
	66	7.2.08	DinoPops		Introducing Graphs of Proportional Relationships			
	67	7.2.09	Gallon Challenge		Interpreting Graphs of Proportional Relationships			
	68	7.2.10	Three Turtles	Week 2	Proportional Relationships and Graphs			
			Quiz					
	69	7.3.01	Toothpicks		Perimeter and proportional relationships			
	70	7.3.03	Measuring Around		Let's Put it to Work			
	71	7.3.04	Perimeter Challenges	Week 3	Estimating and Calculating Circumference			
	72	7.3.05	Area Strategies		Estimating and Calculating Area			
	73	7.3.07	Circle Area [5]		Exploring Circle Area			
	74	7.3.08	Why Pi?		Relating Area to Circumference			
	75	7.3.09	Area Challenges		Calculating Areas of Complex Shapes			
	12		End Assessment					
Percentages and More Proportional Relationships	76	6.3.08	Lucky Duckies	Week 4	Benchmark Percentages			
	77	6.3.09	Bicycle Goals		Friendly Percentages			
	78	6.3.11	Cost Breakdown		Any Percentage of a Number			
	79	6.3.12	More Bicycle Goals	Week 5	Unknown Percentages			
	80	6.3.13	A Country as a Village		Apply Ratios, Rates, and Percentages			
	81	7.4.02	More and Less	Week 6	Percent Increase and Decrease with Tape Diagrams			
	82	7.4.03	All the Equations		Percent Increase and Decrease with Equations			
	83	7.4.04	100%		Percent Increase and Decrease on Double Number Lines			
	84	7.4.05	Percent Machines		Calculating Unknowns With Percentages			
			Quiz	Week 7				
	85	7.4.07	Tax and Tip		Multistep Percent Problems			
	86	7.4.08	Plate Rate [6]		Real-World Situations Involving Percent Increase			
	87	7.4.09	Bookcase Builder		Percent Error			
	88	7.4.10	Population & Pollution [7]		Posing Problems Involving Percents			
	89	7.4.11	Sticker Sizes		Revisiting Proportional Relationships			
	90	7.4.12	Peach Cobbler		Rates and Ratios With Fractions			
	27		End Assessment	Week 8				
Positive and Negative Numbers	91	6.7.01	Can You Dig It?		Positive and Negative Numbers			
	92	6.7.02	Digging Deeper		Positions on the Number Line			
	93	6.7.04	Sub-Zero		Positive and Negative Numbers in Context			
	94	6.7.03	Order in the Class	Week 9	Comparing Numbers			
	95	6.7.05	Distance on the Number Line		Introduction to Absolute Value			
	96	7.5.01	Floats and Anchors		Representing Adding and Subtracting			
	97	7.5.02	More Floats and Anchors		Adding and Subtracting Integers			
	98	7.5.03	Bumpers		Adding and Subtracting Rational Numbers			
	99	7.5.04	Draw Your Own		Number Lines and Expressions			
	100	7.5.05	Number Puzzles	Week 10	Practice Adding and Subtracting			
			Quiz					
	101	7.5.06	Floating in Groups		Representing Multiplying and Dividing			
	102	7.5.07	Back in Time		Position, Rate, and Time			
	103	7.5.08	Speeding Turtles	Week 11	Multiplying and Dividing Signed Numbers			
	104	7.5.10	Integer Puzzles		Practice With All Four Operations			
	105	7.5.11	Temperatures Around the World		Real-World Situations Involving Positive and Negative Numbers			
	106	6.7.10	Sand Dollar Search	Week 12	Points in the Coordinate Plane			
	107	6.7.11	The A-maze-ing Coordinate Plane		Practice Plotting			
	108	6.7.12	Polygon Maker		Polygons in the Plane			
			End Assessment					
Data Sets and Distributions	109		Catch Up Day		TBD			
	110	6.8.02	Dot plots	Week 13	Polygons in the Plane			
	111	6.8.05	The Plot Thickens		Introduction to Histograms			
	112	6.8.07	Snack Time		Introduction to the Mean			
	113	6.8.09	Hoops		Mean Absolute Deviation			
	114	6.8.11	Toy Cars	Week 14	Introducing the Median			
	115	6.8.13	Pumpkin Patch		Introduction to Quartiles			
	116	6.8.14	Car, Plane, Bus, or Train?		Box Plots, IQR, and Range			
			Quiz					
	117	7.8.10	Crab Island		Sampling From Large Populations			
	118	7.8.11	Headlines	Week 15	Sampling Bias			
	119	7.8.12	Flower Power		Using Percentages to Predict Populations			
	120	7.8.14	School Newspaper		Comparing Populations			
	121	7.8.02	Prob-bear-bilities		Intro to Probability			
	122	7.8.03	Mystery Bag	Week 16	Predicting Sample Spaces			
	123	7.8.05	Is It Fair?		Comparing Probabilities and Experiments			
	124	7.8.06	Fair Games		Multistep Events			
	125	7.8.07	Weather or Not		Estimating Probabilities Using Simulation			
	End		End Assessment					

[1] Also uses 6.3.02 Counting Classrooms

[2] Consider replacing with activity Movie Times when you reteach the course.

[3] Not part of recommended lessons, but better than the Garden one that was recommended.

[4] This lesson might be a good one to cut if needed.

[5] Subset of old activity Radius Squares

[6] Use to be called Minimum Wage

[7] Used to be called Posing Percent Problems