Pre-Algebra Student Progress Checklist

Unit	#	Lesson	Title	Week	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
Linear Relationships and Systems of Equations	8.3.10	64	Solutions	Week 1 Jan 17-19	Solutions to Linear Equations			
	8.3.11	65	Pennies and Quarters		Using Linear Equations to Solve Problems			
	8.4.9	66	On or Off the Line?		Interpreting Points On or Off the Line			
	8.4.10	67	On Both Lines	Week 2 Jan 23-26	Representing Systems of Linear Equations			
	8.4.11	68	Make Them Balance		Graphing Systems of Linear Equations			
	8.4.12	69	Line Zapper		Solving Systems of Linear Equations			
	8.4.13	70	All, Some, or None? Part 2		Systems of Equations With One, Many, or No Solutions			
	8.4.14	71	Strategic Solving Part 2	Week 3 Jan 30-Feb 2	Solving More Systems of Equations			
			End Assessment					
Functions	8.5.1	72	Turtle Crossing		Making Sense of Graphs			
	8.5.2	73	Guess My Rule		Introduction to Functions			
	8.5.3	74	Function or Not?		Graphs of Functions and Non-Functions			
	8.5.4	75	Window Frames	Week 4 Feb 6-9	Functions and Equations			
	8.5.5	76	The Tortoise and the Hare		Interpreting Graphs of Functions			
	8.5.6	77	Graphing Stories		Creating Graphs of Functions			
	8.5.7	78	Feel the Burn		Comparing Representations of Functions			
	8.5.9	79	Piecing It Together	Week 5 Feb 13-16	Modeling With Piecewise linear Functions			
			End Assessment					
Associations in Data	8.6.1	80	Click Battle		Organizing Data			
	8.6.2	81	Wing Span		Plotting Data			
	8.6.3	82	Robots		What a Point on a Scatter Plot Means			
	8.6.4	83	Dapper Cats	Week 6 Feb 21-23	Lines of Fit and Outliers			
	8.6.5	84	Fit Fights		Fitting a Line to Data			
	8.6.6	85	Interpreting Slopes		The Slope of a Fitted Line			
	8.6.7	86	Scatter Plot City	Week 7 Feb 27-Mar 2	Observing More Patterns in Plots			
	8.6.8	87	Animal Brains		Analyzing Bivariate Data			
	8.6.9	88	Tasty Fruit		Two-Way Tables and Bar Graphs			
	8.6.10	89	Finding Associations		Using Data Displays to Find Associations			
	8.6.11	90	Federal Budgets	Week 8 Mar 6-9	Creating Data Representations			
			End Assessment					
Volume and Surface Area	7.7.9	91	Slicing Solids		Describing Cross Sections			
	7.7.10	92	Simple Prisms		Using Base Area to Calculate Volume			
	7.7.11	93	More Complicated Prisms		Calculating Volumes of Right Prisms			
	7.7.12	94	Surface Area Strategies	Week 9 Mar 13-16	Surface Area of Right Prisms			
	8.5.10	95	Volume Lab		Exploring Volume			
	8.5.11	96	Cylinders		The Volume of a Cylinder			
	8.5.12	97	Scaling Cylinders		Scaling Cylinders Using Functions			
	8.5.13	98	Cones	Week 10 Mar 20-23	Volume of Cones			
	8.5.15	99	Spheres		Volume of Spheres			
	7.7.13	100	Popcorn Possibilities		Applying Volume and Surface Area			
			End Assessment					
		101	Catch Up Day		TBD			
Exponents and Scientific Notation	8.7.1	102	Circles	Week 11 Apr 3-6	Exponent Review			
	8.7.2	103	Combining Exponents		Equivalent Expressions With Exponents			
	8.7.4	104	Rewriting Powers		Rewriting Exponential Expressions as a Single Power			
	8.7.5	105	Zero and Negative Exponents		Using Patterns to Understand Zero and Negative Exponents			
			Quiz					
	8.7.7	106	Scales and Weights	Week 12 Apr 10-13	Describing Large and Small Numbers Using Powers of 10			
	8.7.8	107	Point Zapper		Representing Large and Small Numbers on the Number Line			
	8.7.9	108	Use Your Powers		Applications of Arithmetic With Powers of 10			
	8.7.10	109	Solar System		Definition of Scientific Notation			
	8.7.11	110	Balance the Scale	Week 13 Apr 17-20	Multiplying, Dividing, and Estimating With Scientific Notation			
	8.7.12	111	City Lights		Adding and Subtracting With Scientific Notation			
	8.7.13	112	Star Power		Let's Put It to Work			
			End Assessment					
Pythagorean Theorem and Irrational Numbers	8.8.1	113	Tilted Squares		The Areas of Tilted Squares			
	8.8.2	114	From Squares to Roots	Week 14 Apr 24-27	Side Lengths and Areas			
	8.8.3/4	115	Between Squares / Root Down		Approximating Square Roots			
	8.8.5	116	Filling Cubes		Edge Lengths, Volumes, and Cube Roots			
	8.8.6	117	The Pythagorean Theorem		Exploring Squares in Right Triangles			
	8.8.7	118	Picture to Prove It	Week 15 May 1-4	Triangle-Tracing Turtle			
	8.8.8	119	Triangle-Tracing Turtle		Finding Unknown Side Lengths			
	8.8.9	120	Make It Right		The Converse of the Pythagorean theorem			
	8.8.10	121	Taco Truck		Applications of the Pythagorean theorem			
	8.8.11	122	Pond Hopper	Week 16 May 8-11	Finding Distances in the Coordinate Plane			
	7.4.13/ 8.8.12	123	Decimal Deep Dive / Fractions to Decimals		Decimal Representations of Rational Numbers			
	8.8.13	124	Decimals to Fractions		Infinited Decimal Expansions			
	8.8.14	125	Hit the Target		Rational and Irrational Numbers			
			End Assessment					