

Grade 6 Math Student Progress Checklist

Unit	#	Lesson	Title	Week	Topic	Date Completed	Practice Problems Completed?	Rate your mastery on a scale of 1-10
Area and Surface Area	6.1.1	1	Shapes on a Plane	Week 1 Aug 21-24	Exploring Area			
	6.1.2	2	Letters		Area Strategies			
	6.1.3	3	Exploring Parallelograms		Parallelograms on a Grid			
	6.1.4	4	Off the Grid		Calculating Areas of Parallelograms			
	6.1.5	5	Exploring Triangles	Week 2 Aug 28-31	Triangles on a Grid			
	6.1.6	6	Triangles and Parallelograms		Generalizing the Area of a Triangle			
	6.1.7	7	Off the Grid Part 2		Applying the Formula for the Area of a Triangle			
		Quiz	Quiz					
	6.1.10	8	Plenty of Polyhedra	Week 3 Sep 4-7	Polyhedra and Their Faces			
	6.1.11	9	Nothing but Nets		Nets and Surface Area on a Grid			
	6.1.12	10	Face Value		Surface Area Off of a Grid			
	6.1.13	11	Take It To Go		Surface Area in Context			
		End	End Assessment					
Introducing Ratios and Rates	6.2.2	12	Ratio Rounds	Week 4 Sep 11-14	Describing Ratios			
	6.2.3	13	Rice Ratios		Introduction to Equivalent Ratios			
	6.2.5	14	Balancing Act		Introduction to Double Number Lines			
	6.2.6	15	Product Prices		Unit Prices			
	6.2.7	16	Mixing Paint Part 1	Week 5 Sep 18-21	Comparing Ratios			
	6.2.8	17	World Records		Comparing Speeds			
	6.2.9	18	Disaster Preparation		Using Ratio Tables with Large Quantities			
	6.2.10	19	Balloons		Solving Multistep Ratio Problems			
	6.2.12	20	Mixing Paint Part 2	Week 6 Sep 25-28	Part-Part-Whole Ratios			
	6.2.13	21	City Planning		Applying Part-Part-Whole Ratios			
		Quiz	Quiz					
	6.3.1	22	Many Measurements	Week 7 Oct 2-5	Everyday Measurements			
	6.3.2/6.3.3	23	Counting Classrooms / Pen Pals		Measuring and Converting Units			
	6.3.4	24	Model Trains		Comparing Rates			
	6.3.5	25	Soft Serve		Two Unit Rates			
	6.3.6	26	Welcome to the Robot Factory	Week 7 Oct 2-5	Using Unit Rates			
		End	End Assessment					
Fractions and Decimals	6.4.3	27	Flour Planner	Week 8 Oct 9-12	How Many Groups Part 1			
	6.4.4	28	Flower Planters		How Many in Each Group			
	6.4.5	29	Garden Bricks		How Many in Each Group			
	6.4.6	30	Fill the Gap		More or Less Than One Group			
	6.4.7	31	Break It Down	Week 9 Oct 16-19	Using Common Denominators to Divide Fractions			
	6.4.8	32	Potting Soil		Dividing by Unit Fractions			
	6.4.9	33	Division Challenges		Two Strategies for Dividing Fractions			
	6.4.10	34	Classroom Comparisons		Comparing Fractional Lengths			
	6.4.12	35	Puzzling Areas	Week 10 Oct 23-26	Areas with Fractional Dimensions			
		Quiz	Quiz					
	6.5.1/6.5.2	36	Dishing out Decimals/Decimal Diagrams		Representing Decimals			
	6.5.3/6.5.4	37	Fruit by the Pound/Missing Digits		Adding and Subtracting Decimals			
	6.5.5	38	Decimal Multiplication	Week 11 Oct 30-Nov 2	Introduction to Multiplying Decimals			
	6.5.6	39	Multiplying with Areas		Using Area Models to Multiply Decimals			
	6.5.7	40	Multiplication Methods		Multiplying Decimals Using Vertical Calculations			
	6.5.8	41	Division Diagrams		Making Sense of Decimal Division			
	6.5.9	42	Long Division Launch	Week 12 Nov 6-9	Long Division and Decimals			
	6.5.10	43	Return of the Long Division		Long Division with Remainders			
	6.5.13	44	Grocery Prices		Percentages as Decimals			
		End	End Assessment					
Expressions and Equations	6.6.1	45	Weight for It	Week 13 Nov 13-16	Reasoning About Unknown Values			
	6.6.2	46	Five Equations		Tape Diagrams, Equations, Contexts			
	6.6.3	47	Hanging Around		Introduction to Balanced Hangers			
	6.6.4	48	Hanging It Up		Solving Equations			
	6.6.5	49	Swap and Solve	Week 14 Nov 27-Nov 30	Solving Equations in Context			
	6.6.6	50	Vari-apples		Introduction to Variable Expressions			
	6.6.7	51	Border Tiles		Equivalent Expressions			
	6.6.8	52	Products and Sums		Distributive Property Part 1			
	6.6.9	53	Products, Sums, and Differences	Week 15 Dec 4-7	Distributive Property Part 2			
		Quiz	Quiz					
	6.6.10	54	Powers		What are Exponents?			
	6.6.11	55	Exponent Expressions		Exponents and Order of Operations			
	6.6.12	56	Squares and Cubes	Week 16 Dec 11-14	Exponent Expressions With Variables			
	6.6.13	57	Turtles All the Way		Stories and Tables and Variables, Oh My!			
	6.6.14	58	Representing Relationships		Interpreting Graphs of Relationships			
	6.6.15	59	Connecting Representations		Tables, Equations, and Graphs of Relationships			
Start New Unit	7.2.2	61	Balloon Float	Week 16 Dec 11-14	Applying Relationships			
	7.2.3	62	Sugary Drinks		Introducing Proportional Relationships With Tables			
	7.2.4	63	Robot Factory		Constant of Proportionality			
			Semester Ends		Two Equations for Each Relationship			