

MRS. S' HANDS-ON MATH

SIXTH GRADE • 20-WEEK MATH PROGRAM

LEARN IT • BUILD IT • DRAW IT • EXPLAIN IT • Hands-on activities, math talk, real-world connections, and problem solving.

WEEK	FOCUS CONCEPT	STANDARDS
THE NUMBER SYSTEM		
WEEK 1	Multi-Digit Division & Standard Algorithm	6.NS.B.2
WEEK 2	Decimal Operations (Addition, Subtraction, Multiplication & Division)	6.NS.B.3
WEEK 3	Greatest Common Factor (GCF), Least Common Multiple (LCM) & Distributive Property	6.NS.B.4
WEEK 4	Multiplying & Dividing Fractions (Including Mixed Numbers)	6.NS.A.1
WEEK 5	Integers & Opposites on the Number Line	6.NS.C.5, 6.NS.C.6.A
WEEK 6	Rational Numbers, Number Lines & Comparing Values	6.NS.C.6, 6.NS.C.7
WEEK 7	Absolute Value & Coordinate Plane Applications	6.NS.C.6.B–C, 6.NS.C.7, 6.NS.C.8
EXPRESSIONS & EQUATIONS		
WEEK 8	Numerical Expressions & Whole-Number Exponents	6.EE.A.1–2
WEEK 9	Algebraic Expressions, Variables & Evaluation	6.EE.A.2.A–C
WEEK 10	Properties of Operations & Equivalent Expressions	6.EE.A.3–4
WEEK 11	Solving One-Variable Equations & Inequalities	6.EE.B.5–8
RATIOS & PROPORTIONAL RELATIONSHIPS		
WEEK 12	Understanding Ratios & Ratio Concepts	6.RP.A.1, 6.RP.A.3.A
WEEK 13	Rates & Unit Rates in Real-World Contexts	6.RP.A.2, 6.RP.A.3, 6.RP.A.3.B
WEEK 14	Ratio Tables, Equivalent Ratios & Graphing	6.RP.A.3.A
WEEK 15	Percents (Finding Percent of a Quantity & Whole)	6.RP.A.3.C
GEOMETRY		
WEEK 16	Area of Triangles, Quadrilaterals & Polygons	6.G.A.1
WEEK 17	Volume with Fractional Edge Lengths	6.G.A.2
WEEK 18	Coordinate Geometry & Surface Area Nets	6.G.A.3–4
STATISTICS & PROBABILITY		
WEEK 19	Statistical Questions, Data Displays (Dot Plots, Histograms, Box Plots)	6.SP.A.1–2, 6.SP.B.4–5.B
WEEK 20	Measures of Center, Variability & Data Analysis	6.SP.A.3, 6.SP.B.5.C–D

■ Ratios, Expressions, and Real-World Applications are intentionally reinforced throughout the program, with word problems woven into major units.