

MRS. S' HANDS-ON MATH

FOURTH 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
NUMBERS & OPERATIONS IN BASE TEN		
WEEK 1	Place Value Relationships, Read/Write Numbers, Expanded Form	4.NBT.A.1, 4.NBT.A.2
WEEK 2	Rounding and Estimation	4.NBT.A.3
WEEK 3	Addition (4–6 digit addends) + Word Problems	4.NBT.B.4
WEEK 4	Subtraction (4–6 digit minuend & subtrahend) + Word Problems	4.NBT.B.4
WEEK 5	Multiplication (4-digit $\times$ 1-digit; 2-digit $\times$ 2-digit); area models, algorithm & word problems	4.NBT.B.5, 4.OA.A.1, 4.OA.A.2
WEEK 6	Division with Remainders (4-digit $\div$ 1-digit); remainders, area models, arrays, equations & multi-step word problems	4.NBT.B.6, 4.OA.A.2, 4.OA.A.3
OPERATIONS & ALGEBRAIC THINKING		
WEEK 7	Factors, Multiples, Prime & Composite Numbers; identify rules for number & shape patterns	4.OA.B.4, 4.OA.C.5
NUMBERS & OPERATIONS WITH FRACTIONS		
WEEK 8	Equivalent Fractions (finding common denominators & GCF)	4.NF.A.1
WEEK 9	Comparing Fractions (finding common denominators & GCF)	4.NF.A.2
WEEK 10	Adding & Subtracting Fractions	4.NF.B.3, 4.NF.B.3A–D
WEEK 11	Subtracting Fractions with Mixed Numbers (focus on mixed numbers)	4.NF.B.3
WEEK 12	Multiplying Fractions by Whole Numbers	4.NF.B.4, 4.NF.B.4A–C
WEEK 13	Decimals & Fraction Relationships	4.NF.C.5–7
MEASUREMENT & DATA		
WEEK 14	Measurement & Conversions (Imperial/Metric) + Word Problems	4.MD.A.1–2
WEEK 15	Area (apply area formulas to solve real-world problems)	4.MD.A.3
WEEK 16	Perimeter (apply perimeter formulas to solve real-world problems)	4.MD.A.3
WEEK 17	Data & Line Plots	4.MD.B.4
GEOMETRY		
WEEK 18	Lines, Angles & Shapes (understanding angles & lines and classifying shapes)	4.G.A.1–2, 4.MD.C.5
WEEK 19	Measure & Draw Angles with Protractor + Word Problems	4.MD.C.6–7
WEEK 20	Symmetry & Geometry Review + Right Triangles	4.G.A.2–3
■ Operations & Algebraic Thinking are intentionally reinforced throughout the program, with word problems woven into major units.		