

MRS. S' HANDS-ON MATH

THIRD GRADE • 20-WEEK MATH AGENDA

LEARN IT • BUILD IT • DRAW IT • EXPLAIN IT

Hands-on math experiences that grow confidence, number sense, and problem-solving skills.

WEEK	FOCUS CONCEPT	STANDARDS
PLACE VALUE & NUMBER SENSE TO 1,000		
WEEK 1	Place value review & rounding to the nearest 10 and 100	3.NBT.A.1
ADDITION & SUBTRACTION WITHIN 1,000		
WEEK 2	Addition within 1,000 — strategies & practice	3.NBT.A.2
WEEK 3	Subtraction within 1,000 — strategies & practice	3.NBT.A.2
WEEK 4	Fluency practice & number-sense routines (mental math, estimation)	All NBT/OA
MULTIPLICATION & DIVISION CONCEPTS		
WEEK 5	Multiplying one-digit by multiples of 10 (place-value strategies)	3.NBT.A.3
WEEK 6	Intro to multiplication as groups; modeling with arrays & drawings	3.OA.A.1
WEEK 7	Intro to division as sharing/partitioning; connect to multiplication	3.OA.A.2, 3.OA.B.6
PROPERTIES OF MULTIPLICATION & DIVISION		
WEEK 8	Multiplication & division fact families and missing factors • Include word problems	3.OA.A.4, 3.OA.B.6, 3.OA.B.8
WEEK 9	Commutative, associative, distributive properties with concrete examples • Include word problems	3.OA.B.5, 3.OA.B.8
WEEK 10	Multiplication & division fluency practice to 100; strategies (doubling, skip-counting) • Include word problem	3.OA.C.7–8
FRACTIONS • UNDERSTANDING & EQUIVALENT FRACTIONS		
WEEK 11	Intro to fractions as equal parts of a whole; models & language	3.NF.A.1
WEEK 12	Fractions on a number line & partitioning intervals	3.NF.A.2, 3.NF.A.2.A/B
WEEK 13	Equivalent fractions & whole-number-as-fraction; comparing fractions with same numerator/denominator	3.NF.A.3, 3.NF.A.3.A–D
MEASUREMENT & DATA • LENGTH, TIME, MONEY		
WEEK 14	Time, liquid volume, & mass	3.MD.A.1–2
WEEK 15	Linear measurement and data representation	3.MD.B.3–4
AREA & PERIMETER		
WEEK 16	Understanding perimeter (solving for missing sides)	3.MD.D.8
WEEK 17	Understanding area & unit squares (measuring area by counting unit squares)	3.MD.C.5, 3.MD.C.5.A, 3.MD.C.5.B, 3.MD.C.7.D
WEEK 18	Connecting area to multiplication	3.MD.C.7, 3.MD.C.7.A–C
REPRESENT & INTERPRET DATA		
WEEK 19	Scaled graphs & line plots	3.MD.B.3–4

■ Word problems are intentionally woven throughout the year, especially in multiplication, division, and problem-solving.