

## Grade 5

OBJECTIVE	SUGGESTED MANIPULATIVES
Decimal Place Value	Decimal tiles, place value charts, base 10 blocks
Comparing with Decimals	Decimal tiles, place value charts, base 10 blocks, number lines
Using Parentheses	Graph paper, dry erase materials, algebra tiles, square tiles
Rounding Decimals	Decimal tiles, place value charts, base 10 blocks, number lines
Patterns and Relationships	Dry erase materials, square tiles, graph paper
Multiplication Algorithm	Graph paper, dry erase materials, square tiles, base 10 blocks
Division Algorithm Strategies	Linking cubes, counting cubes, base 10 blocks, dry-erase materials,
Addition and Subtraction with Decimals	Place value chart, graph paper, base 10 blocks, number lines
Multiplying Decimals	Base 10 blocks, graph paper, dry-erase materials
Dividing Decimals	Base 10 blocks, graph paper, dry-erase materials
Common Denominators and Equivalent Fractions	<a href="#"><u>Pie Monster game mats</u></a> , fraction tiles, number line
Adding and Subtracting Fractions with Unlike Denominators	<a href="#"><u>Fraction Robot game mats</u></a> , fraction tiles, blank 100 grid, dry-erase materials
Multiplying Fractions	Graph paper, fraction tiles
Dividing Fractions	Counters, dry-erase materials
Volume	Volume blocks, linking cubes, graph paper
Converting Measurements	Linking cubes, liquid measuring tools, pan balance, ruler, Judy® clock, dry-erase materials
The Coordinate Plane	Graph paper, dry-erase coordinate plane, popsicle sticks
Line Plot Decimals and Mode	Dry-erase materials, number lines, graph paper
Shapes and Properties	Toothpicks, foam shapes