

Math in Focus-4th Grade



Standards by Quarter

Welcome to a wonderful year of math exploration! This grid provides a clear look at the key concepts and standards your child will be learning each quarter in 4th grade. We encourage you to use these topics as a starting point for onversations and real world experiences at home.

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Problem Solving	<ul style="list-style-type: none"> Look for and make use of structure Attend to precision Use appropriate tools strategically Make sense of problems and persevere in solving them Model with mathematics 			
Mathematical Communication	<ul style="list-style-type: none"> Construct viable arguments and critique the reasoning of others Reason abstractly and quantitatively Look for and express regularity in repeated reasoning 			
Numbers and Operations	Concepts: Working with Whole Numbers Standards: Apply place value concepts to show an understanding of multi-digit whole numbers. Use place value understanding and properties of operation to perform multi-digit arithmetic.	Concepts: Multiplication & Division, Fractions & Mixed Numbers Standards: Use place value understanding and properties of operation to perform multi-digit arithmetic Extend the understanding of fractions to show equivalence and ordering Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers	Concepts: Decimals Standards: Connect decimals to fractions, and compare and order decimals	
Operations and Algebraic Thinking	N/A	Concepts: Multiplication and Division Standards: Develop and/or apply number theory concepts to find factors and multiples Represent and solve problems involving the four operations		Concepts: Tables & Line Graphs Standards: Represent and solve problems involving the four operations
Geometry	N/A	N/A	Concepts: Angles & Line Segments Standards: Draw lines and angles and identify these in two-dimensional figures	Concepts: Polygons & Symmetry Standards: Classify two-dimensional figures by properties of their lines and angles Recognize symmetric shapes and draw lines of symmetry
Measurement & Data	N/A	N/A	Concepts: Conversion of Measurements, Area & Perimeter, Angles & Line Segments Standards: Solve problems involving measurement and conversions from a larger unit to a smaller unit Measure angles and use properties of adjacent angles to solve problems	Concepts: Tables & Line Graphs Standards: Translate information from one type of data display to another.