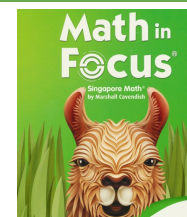


Math in Focus-3rd Grade



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 3rd 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	<p>Concepts: Numbers to 1000 and Addition & Subtraction within 1,000</p> <p>Standards: Round two- and three-digit whole numbers to the nearest ten or hundred, respectively</p> <p>Order a set of whole numbers from least to greatest or greatest to least (up through 9,999, and limit sets to no more than four numbers)</p> <p>Use addition strategies and algorithm to add numbers within 1,000</p> <p>Apply place value understanding and properties of operations to perform multi-digit arithmetic</p>	<p>Concepts: Fractions</p> <p>Standards: Explore and develop an understanding of fractions as numbers</p>		
Operations and Algebraic Thinking	<p>Concepts: Addition & Subtraction within 1,000</p> <p>Standards: Solve problems involving the four operations with finding an unknown number and multi-step problems.</p>	<p>Concepts: Multiplication Tables and Using Bar Models: The Four Operations</p> <p>Standards: Represent and solve problems involving multiplication and division while understanding the properties and relationship of the two operations.</p> <p>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p>		<p>Concepts: Multiplication</p> <p>Standards: Represent and solve problems involving multiplication and division.</p>
Geometry	N/A	N/A	N/A	<p>Concepts: Angles, Lines, and Two-Dimensional Figures</p> <p>Standards: Identify, compare, and classify shapes and their attributes.</p>
Measurement & Data	N/A	N/A	<p>Concepts: Measurement, Area & Perimeter, and Time</p> <p>Standards: Solve problems involving measurement and estimation of, liquid volume, mass or length.</p> <p>Determine the area of a rectangle and apply the concept to multiplication and to addition.</p> <p>Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p>	<p>Concepts: Graphs and Line Plots</p> <p>Standards: Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p>

