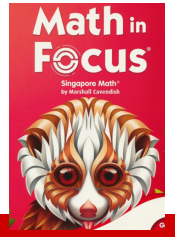
Math in Focus-2nd Grade



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 2nd 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	• 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	• 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:** Numbers to 1,000 **Standards:** Use place value concepts to represent amounts of tens and ones and to compare three digit numbers. Use place value concepts to read, write and skip count to 1000. Use place value understanding and properties of operations to add and subtract within 1000.	**Concepts:** Subtraction within 1,000 and Using Bar Models: Addition and Subtraction **Standards:** Use place value understanding and properties of operations to add and subtract within 1000.	**Concepts:** Length and Mass **Standards:** Use place value understanding and properties of operations to add and subtract within 1000.	**Concepts:** Multiplication Tables **Standards:** Use place value concepts to read, write and skip count to 1000
Operations and Algebraic Thinking	**Concepts:** Addition within 1,000 **Standards:** Represent and solve problems involving addition and subtraction within 1000.	**Concepts:** Subtraction within 1,000 and Using Bar Models: Addition and Subtraction **Standards:** Represent and solve problems involving addition and subtraction within 100.		**Concepts:** Multiplication and Division **Standards:** Work with equal groups of objects to gain foundations for multiplication
Geometry	**N/A**	**N/A**	**N/A**	**Concepts:** Shapes **Standards:** Analyze and draw two- and three-dimensional shapes having specified attributes. Use the understanding of fractions to partition shapes into halves, quarters, and thirds.
Measurement & Data	**N/A**	**N/A**	**Concepts:** Length, Mass, Graphs and Line Plots **Standards:** Measure and estimate lengths in standard units using appropriate tools. Extend the concepts of addition and subtraction to problems involving length. Solve problems involving measurement and estimation of temperature, liquid volume, mass or length Represent and interpret data using line plots, picture graphs, and bar graphs	**Concepts:** Time and Money **Standards:** Tell and write time to the nearest five minutes using both analog and digital clocks. Solve problems and make change using coins and paper currency with appropriate symbols.