



3rd Grade Math Year At a Glance

	Content and Skills	Major Domains Addressed
Quarter 1	<ul style="list-style-type: none"> Ⓢ Addition/Subtraction Facts Review Ⓢ recognize number patterns Ⓢ Use a variety of strategies to round 2 and 3 digit numbers to the nearest ten and hundred (remember to round 3 digit numbers to the nearest ten) Ⓢ Use a variety of strategies to add and subtract within 1000 Ⓢ Read, interpret and draw in a scaled table, bar graph, pictograph and line plot Ⓢ Model and skip count objects in equal groups and on a number line Ⓢ Use arrays to model products and factors Ⓢ Relate addition and multiplication by writing number sentences 	<ul style="list-style-type: none"> Ⓢ Operations and Algebraic Thinking Ⓢ Numbers Base Ten Ⓢ Measurement and Data
Quarter 2	<ul style="list-style-type: none"> Ⓢ Multiplication/Division facts 0, 1,5,10, 2, 4, 3, 6, 9, 7, 8 Ⓢ Interpret products of whole numbers Ⓢ Interpret whole-number quotients Ⓢ Determine the unknown whole number in multiplication and division equation relating to three whole numbers Ⓢ Matching multiplication and division number sentences to arrays and fact families Ⓢ Relate area to the operations of multiplication and repeated addition Ⓢ Associative and Commutative properties as strategies to multiply and divide Ⓢ Understand Division as an unknown factor problem Ⓢ Use Multiplication and Division Within 100 Ⓢ Solve problems involving the four operations and recognize number patterns 	<ul style="list-style-type: none"> Ⓢ Operations and Algebraic Thinking Ⓢ Numbers Base Ten



Quarter 3	<ul style="list-style-type: none"> Ⓢ Use models to explore, identify and divide to show equal parts of a whole Ⓢ Read, write and model fractions that are greater than 1 and less than 1 Ⓢ Locate fractions on a number line and ruler Ⓢ Use a variety of strategies to compare and order fractions Ⓢ Use models to generate equivalent fractions Ⓢ Read, write and tell time on analog and digital clocks Ⓢ Use number lines and analog clocks to measure and evaluate time intervals Ⓢ Measure length to the nearest $\frac{1}{2}$ or $\frac{1}{4}$ inch Ⓢ Estimate volume (liters) and mass (grams or kilograms) Ⓢ Explore, estimate and calculate perimeter and area 	<ul style="list-style-type: none"> Ⓢ Operations and Algebraic Thinking Ⓢ Numbers and Operations-Fractions Ⓢ Measurement and Data
Quarter 4	<ul style="list-style-type: none"> Ⓢ Identify and describe attributes and angles of plane shapes Ⓢ Identify polygons based on the number of sides Ⓢ Classify triangles and quadrilaterals by sides and angles Ⓢ Divide shapes into equal parts and use fractions to express the area of the parts compared to the area of the whole Ⓢ Beginning Grade 4 Skills 	<ul style="list-style-type: none"> Ⓢ Geometry Ⓢ Operations and Algebraic Thinking Ⓢ Numbers Base Ten Ⓢ Numbers and Operations-Fractions

Students will be expected to:

- fluently add/subtract within 1,000
- fluently multiply/divide within 100 (multiplication and division facts through 10's)