

GRADE ONE MATH CURRICULUM MAP

	Content	Skills	Assessment	Activities/Resources
Term One	<p>Strand: Number Sense and Operations N.1, N.4, N.5, N.7, N.8, N.11</p> <p>Strand: Data Analysis, Statistics, and Probability D.1, D.2, D.3</p> <p>Strand: Patterns, Relations, and Algebra P.1, P.6</p> <p>Strand: Measurement M.1</p> <p>Strand: Geometry G.7</p>	<p>Count groups to 10. Write numbers 0 to 10. Make sets that have more or fewer than a given amount. Count and order groups to 10. Express 11 and 12 as 10 and 1 or 2 more. Create and analyze a real-object graph. Create and analyze pictographs. Create and analyze bar graphs. Solve problems by making and using data from real-object graphs, pictographs, and bar graphs. Find ways to represent numbers 3 through 12 in two parts. Write numbers that are more or fewer. Identify numbers as odd or even. Solve problems by drawing a picture. Solve problems by making a table. Solve problems by identifying, extending, and creating patterns. Explore the meaning of addition. Write addition sentences for numbers through 12. Write addition sentences using + and = signs. Find sums in horizontal and vertical formats. Solve problems involving</p>	<p>Teacher observation Math journals Checklists Performance assessments Exemplars Tests/quizzes Classroom discussion</p>	<p>Calendar Morning Board activities 100 Chart Daily graphing Manipulatives</p>

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		<p>addition.</p> <p>Explore the meaning of subtraction.</p> <p>Write subtraction sentences using - and = signs.</p> <p>Find differences in horizontal and vertical formats.</p> <p>Solve problems involving subtraction.</p> <p>Solve problems by choosing the operation.</p> <p>Understand the relationship between addition and subtraction.</p> <p>Identify parts of the day, days of the week and months of the year.</p>		
Term Two	<p>Strand: Number Sense and Operations N.3, N.9, N.10</p> <p>Strand: Patterns, Relations, and Algebra P.5, P.6</p> <p>Strand: Geometry G.1, G.2, G.3, G.4, G.5, G.6</p> <p>Strand: Data Analysis, Statistics, and Probability D.2, D.3, D.4</p>	<p>Explore the commutative property of addition.</p> <p>Find sums through 12 by counting on from the greater addend.</p> <p>Use a number line to count on.</p> <p>Find sums by adding zero.</p> <p>Use a number line to count back.</p> <p>Find differences by counting back.</p> <p>Find differences when subtracting all or none.</p> <p>Solve problems by writing a number sentence.</p> <p>Solve problems by making a list.</p> <p>Find missing addends.</p> <p>Identify geometric shapes and solids.</p> <p>Sort geometric shapes and solids by various attributes.</p> <p>Match and create figures that</p>	<p>Teacher observation</p> <p>Tests/ quizzes</p> <p>Exemplars</p> <p>Math journal</p> <p>Performance assessments</p> <p>Worksheets</p> <p>Classroom discussion</p>	<p>Manipulatives</p> <p>Math games</p> <p>Center activities</p> <p>Number lines</p> <p>Attribute blocks</p> <p>Geoboards</p> <p>Pattern Blocks</p> <p>Geometric Solids</p> <p>Art projects on symmetry</p> <p>Pattern block puzzles</p>

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			<p>are the same size and shape. Identify objects that are symmetrical. Show fair shares. Identify halves, fourths, and thirds. Explore finding fractions of a set. Tell whether a situation is certain or impossible. Solve problems by making a table. Solve problems by using data from a picture.</p>		
			<p>Find sums for doubles through 12. Find sums using doubles plus one strategy. Use addition to solve related subtraction facts. Write related addition and subtraction sentences for facts to 10. Solve problems by collecting and using data.</p>		

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Term Three	<p>Strand: Number Sense and Operations N.1, N.2, N.4, N.6</p> <p>Strand: Patterns, Relations, and Functions P.2, P.3, P.4, P.7</p> <p>Strand: Data Analysis, Statistics, and Probability D.2, D.3</p> <p>Strand: Measurement M.1, M.2</p>	<p>Make and write numbers to 19. Count and add groups to 10. Write the decade number. Express numbers to 99 as tens and ones. Estimating more or fewer. Estimating how many are in groups of objects. Estimate number of objects to 100. Count by 2s, 5s, and 10s. Identify ordinal positions through tenth. Solve problems by looking for a pattern. Solve problems by using data from a graph Compare 2-digit numbers and identify the one that is greater than or less than. Order numbers to 100. Identify the numbers before or after a given number, or between two numbers.</p>	<p>Teacher Observation Classroom discussion Tests/quizzes Exemplars Math journal Performance Assessments</p>	<p>100 Chart Base Ten Blocks Manipulatives Math games Center activities Display and real coins Classroom store Display and student clocks Calendar Coin Critters Estimation jars</p>

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			<p>Find and complete patterns on the 100 chart.</p> <p>Solve problems by collecting and using data in a Venn Diagram.</p> <p>Identify and name the value of U. S. coins: penny, nickel, dime, quarter.</p> <p>Count mixed groups of dimes, nickels, and pennies.</p> <p>Count groups of coins composed of a quarter, dimes, nickels, and pennies</p> <p>Discuss functions related to trading (e.g., 10 pennies for one dime).</p> <p>Write and tell time to the hour and half hour.</p> <p>Tell and write time at whole, half, and quarter hour intervals on analog and digital clocks.</p> <p>Express elapsed time of an activity.</p> <p>Estimate the time it takes to do an activity.</p> <p>Identify dates using a calendar.</p>		

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Term Four	<p>Strand: Measurement M.3, M.4, M.5, M.6</p> <p>Strand: Number Sense and Operations N.7, N.9, N.10, N.11</p> <p>Strand: Patterns, Relations, and Algebra P.6</p>	<p>Measure length using nonstandard units.</p> <p>Estimate, measure, and compare lengths</p> <p>Estimate and measure lengths in inches and centimeters.</p> <p>Explore weights using a balance scale.</p> <p>Compare weights of objects.</p> <p>Compare capacity to cups, pints, and quarts.</p> <p>Compare the capacity of various containers to one liter.</p> <p>Match thermometer readings to weather conditions.</p> <p>Select and correctly use appropriate measurement tools to solve problems.</p> <p>Find sums for doubles through 18.</p> <p>Use strategies to add 3 numbers.</p> <p>Solve addition and subtraction facts through 18.</p> <p>Find fact families through 18.</p> <p>Solve problems by choosing a problem solving strategy.</p> <p>Explore adding 2-digit numbers without regrouping.</p> <p>Explore subtracting 2-digit numbers without regrouping.</p>	<p>Teacher observation</p> <p>Performance assessments</p> <p>Math journals</p> <p>Class discussion</p>	<p>Learning Links, Unifix Cubes and other nonstandard units of measure</p> <p>Rulers</p> <p>Thermometers</p> <p>Containers</p> <p>Balance scale</p>

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