



Millburn Elementary  
Math Skills Overview  
3rd-5th



Grade	Trimester 1	Trimester 2	Trimester 3
3rd Grade	<ul style="list-style-type: none"><li>• Round whole numbers to the nearest 10 and 100</li><li>• Add within 1000</li><li>• Subtract within 1000</li><li>• Represent and interpret data</li><li>• Measure time intervals in minutes</li><li>• Demonstrate addition fact fluency</li><li>• Demonstrate subtraction fact fluency</li></ul>	<ul style="list-style-type: none"><li>• Use multiplication strategies</li><li>• Explain fact families within multiplication and division</li><li>• Explain fractions</li><li>• Compare and order fractions</li><li>• Demonstrate multiplication fact fluency</li></ul>	<ul style="list-style-type: none"><li>• Calculate the perimeter of shapes</li><li>• Calculate the area of rectangles</li><li>• Estimate and measure length using metric and US customary units</li><li>• Reason with shapes and their attributes</li><li>• Demonstrate multiplication fact fluency</li></ul>
4th Grade	<ul style="list-style-type: none"><li>• Demonstrate addition and subtraction fact fluency</li><li>• Demonstrate multiplication and division fact fluency</li><li>• Demonstrate understanding of place value for multi-digit whole numbers to be able to compare, round, and recognize values of numbers</li><li>• Fluently add and subtract multi-digit numbers</li><li>• Fluently multiply four-digit numbers by one-digit and two-digit numbers</li><li>• Divide multi-digit numbers by one-digit numbers and interpret remainders.</li><li>• Construct extended responses with the use of math vocabulary and diagrams</li><li>• Explain the math process in writing (using math vocabulary)</li></ul>	<ul style="list-style-type: none"><li>• Identify factors and multiples and use appropriately</li><li>• Model fraction equivalence, comparison, and ordering</li><li>• Write equations using unit fractions.</li><li>• Decompose fractions</li><li>• Convert between mixed number and improper fractions</li><li>• Add, subtract, and multiply fractions</li><li>• Construct extended responses with the use of math vocabulary and diagrams</li></ul>	<ul style="list-style-type: none"><li>• Convert customary and metric measurements</li><li>• Apply area and perimeter formulas</li><li>• Demonstrate understanding of angles and measurement of angles</li><li>• Identify shapes, lines, rays, and angles</li><li>• Construct extended responses with the use of math vocabulary and diagrams</li><li>• Explain the math process in writing (using math vocabulary)</li></ul>
5th Grade	<ul style="list-style-type: none"><li>• Multiply numbers by powers of ten and use exponents to denote powers of ten</li><li>• Fluently multiply multi-digit numbers</li><li>• Divide numbers with up to four-digit dividends and two-digit divisors</li></ul>	<ul style="list-style-type: none"><li>• Add and subtract fractions with unlike denominators (including mixed numbers)</li><li>• Solve fraction word problems that involve addition and/or subtraction</li><li>• Multiply and divide fractions by both whole numbers and other fractions</li><li>• Find the volume of a cube</li></ul>	<ul style="list-style-type: none"><li>• Evaluate decimal place value, and multiply and divide decimals by powers of 10</li><li>• Compare decimals to the thousandths</li><li>• Round decimals to any place</li><li>• Add, subtract, multiply, and divide decimals to the hundredths</li><li>• Convert measurements within a given measurement system</li></ul>