

**Approved Facility Schools Safety Net Curriculum
Math Grades 3-5**

3 rd Grade	4 th Grade	5 th Grade
<p>NBT.1 Understand place value to round numbers to the nearest 10 or 100. CAS 1.1.a.i</p>	<p>NBT.2 Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. CAS 1.1a.ii</p>	<p>OA.2 Write and interpret numerical expressions and be able to solve simple expressions. CAS 1.2.d.ii</p>
<p>OA.3 and OA.7 Solve multiplication and division problems up to 100. CAS 1.3.c</p>	<p>NBT.4 Compute addition and subtraction problems with multi-digit whole numbers. CAS 1.3.a.i</p>	<p>NBT.6 Solve multiplication problems up to 4 digits by 2 digits. CAS 1.2.b</p>
<p>OA.7 Recall from memory all products of two one-digit numbers. CAS 1.3.c.ii</p>	<p>OA.4 Identify all factor pairs for a whole number in the range of 1-100 and determine if a given number is prime or composite. CAS 2.1.b.i and 2.1.b.iv</p>	<p>NBT.3 Read, write, compare, and order decimals through the thousandths. CAS 1.1.b</p>
<p>OA.3 Solve multiplication and division story problems within 100 using arrays. CAS 1.3.a.iii</p>	<p>OA.3 Solve multi-step word problems with whole numbers, using all four operations. CAS 1.3.b.iv</p>	<p>NBT.7 Add, subtract, multiply, and divide whole numbers and decimals to the hundredths place. CAS 1.2.c</p>
<p>OA.8 Solve two-step word problems using the four operations and assess the reasonableness of the answers. CAS 1.3.d</p>	<p>NBT.5, NBT.6 Multiply 4-digits by 1-digit and 2-digits by 2-digits; find whole number quotients and remainders with up to 4-digit dividends and 1-digit divisors. CAS 1.3.a.ii abd 1.3.a.iii</p>	<p>NF.2 Solve problems involving addition and subtraction of fractions. CAS 1.3.a.iii</p>

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<p>NF.2 Represent fractions on a number line, diagram, or other visual fraction model.</p> <p>CAS 1.2.a.ii</p>	<p>NBT.6 Illustrate and explain both multiplication and division using equations, rectangular arrays, and/or area models.</p> <p>CAS 1.3.a.iv</p>	<p>NF.3 Write and solve fractions as division problems.</p> <p>CAS 1.4.a</p>
<p>NF.3 Explain simple equivalence of fractions and compare with symbols $<$, $>$, or $=$.</p> <p>CAS 1.2.a.iii and 1.2.a.iii.6</p>	<p>OA.1 Interpret a multiplication equation as a comparison e.g.; interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5.</p> <p>CAS 1.3.b.i</p>	<p>NF.6 Solve real-world problems involving fractions and mixed numbers.</p> <p>CAS 1.4.f</p>
<p>MD.1 Tell or write time to the nearest minute, and measure time in minutes. Solve time word problems.</p> <p>CAS 4.3.a.i, 4.3.a.ii, 4.3.a.iii</p>	<p>NF.3 Compute addition and subtraction problems with like denominators.</p> <p>CAS 1.2.b.i</p>	<p>NF.7 Divide a whole number by a fraction and a fraction by a whole number.</p> <p>CAS 1.4.g, 1.4.h, 1.4.i</p>
<p>MD.3 Draw scaled picture graphs and bar graphs; solve one- and two-step word problems using bar graphs.</p> <p>CAS 3.1.a.i and 3.1.a.ii</p>	<p>NF.5 Identify equivalent fractions with a denominator of 10 as an equal fraction with a denominator of 100.</p> <p>CAS 1.1.b.i</p>	<p>MD.1 Perform measurement conversions in metric as well as the standard system.</p> <p>CAS 1.1.d.i</p>
<p>MD.4 Generate measurement data by using rulers marked with halves and fourths of an inch, and show on a line plot.</p> <p>CAS 3.1.a.iii</p>	<p>NF.6 Write fractions in decimal notation for fractions with denominators of 10 or 100.</p> <p>CAS 1.1.b.ii</p>	<p>MD.5 Using whole numbers, find and measure area and volume using cubes/squares of different units and relate to actual formulas (area-rectangle volume-right rectangular prism).</p> <p>CAS 4.1.a and 4.1.b</p>

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<p>MD.2 Measure and estimate liquid volumes and masses of objects using metrics. CAS 4.3.a.iv</p>	<p>NF.7 Recognize and record comparisons of decimals using the symbols $>$, $=$, or $<$. CAS 1.1.b.iii</p>	<p>G.2 Graph points on quadrant 1 of the coordinate plane to solve real- world problems. CAS 4.2.b</p>
<p>G.1 Recognize and classify geometric shapes as quadrilaterals and compare their attributes. CAS 4.1.a.i.1</p>	<p>MD.4 Construct a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$). CAS 3.1.a</p>	<p>G.4 Classify 2-dimensional figures into categories based on their properties. CAS 4.2.c.ii</p>
	<p>MD.1 Identify relative sizes of measurement units within one system of units including metric and standard forms. CAS 4.1.a.i</p>	
<p>Personal Financial Literacy</p> <p>CAS 1.3.a.v Model strategies to achieve a personal financial goal using arithmetic operations.</p>	<p>MD.3 Apply the area and perimeter formulas for rectangles in real world and mathematical problems. CAS 4.1.a.v</p>	<p>Personal Financial Literacy</p> <p>CAS 2.1.e Use patterns to solve problems including those involving saving and checking accounts.</p>
	<p>G.3 Recognize and draw a line of symmetry for a two-dimensional figure. CAS 4.2.d</p>	<p>Personal Financial Literacy</p> <p>CAS 2.1.f Explain, extend, and use patterns and relationships in solving problems, including those involving saving and checking accounts such as understanding that spending more means saving less.</p>

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	Personal Financial Literacy CAS 1.3.b.vii Using the four operations, analyze the relationship between choice and opportunity cost.	