

Mathematics – Grade 4

Operations and Algebraic Thinking	Number and Operations in Base Ten
<ul style="list-style-type: none"> • Use whole-number arithmetic to solve word problems, including problems with remainders and problems with measurements. • Add and subtract whole numbers quickly and accurately (numbers up to 1 million). • Multiply and divide multi-digit numbers in simple cases (e.g., multiplying $1,638 \times 7$ or 24×17, and dividing 6,966 by 6). • Gain familiarity with factors and multiples. • Generate and analyze patterns. 	<ul style="list-style-type: none"> • Generalize place value understanding for multi-digit whole numbers. • Use place value understanding and properties of operations to perform multi-digit arithmetic.
Number and Operations- Fractions	Measurement and Data
<ul style="list-style-type: none"> • Use equivalent fractions to understand and order fractions (e.g., recognize that $\frac{1}{4}$ is less than $\frac{3}{8}$ because $\frac{2}{8}$ is less than $\frac{3}{8}$). • Add, subtract, and multiply fractions in simple cases (such as $2\frac{3}{4} - 1\frac{1}{4}$ or $3 \times \frac{5}{8}$), and solve related word problems. • Understand and compare simple decimals in terms of fractions (e.g., rewriting 0.62 as $\frac{62}{100}$). 	<ul style="list-style-type: none"> • Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. • Represent and interpret data. • Geometric measurement: understand concepts of angle and measure angles.
Geometry	
<ul style="list-style-type: none"> • Draw and identify lines and angles, and classify shapes by properties of their lines and angles. • Measure angles and find unknown angles in a diagram. 	