

4th Grade Math

Quarter 1	Quarter 2	Quarter 3	Quarter 4
<p><u>Number and Operations in Base Ten & Operations and Algebraic Thinking</u></p> <p>Place Value to 1,000,000 (4NBT1) (T1)</p> <p>Read, Write, Compare to 1,000,000 (4NBT2) (T1)</p> <p>Rounding (4NBT3) (T1)</p> <p>Add/Subtract Fluency (4NBT4) (T2)</p> <p>Multiplication up to 4-digit x 1-digit and 2-digit x 2-digit, modeling (4NBT5) (T3 & T4)</p> <p>Multi-step problem solving, variables and expressions; Math practices (4OA3) (T1-T7)</p>	<p><u>Number and Operations in Base Ten & Operations and Algebraic Thinking</u></p> <p>Division up to 4-digit by 1-digit, modeling (4NBT6) (T5)</p> <p>Multiplicative comparisons (4OA1) (T6)</p> <p>Word Problems- Multiply/Divide with multiplicative comparisons (4OA2) (T6)</p> <p>Factor pairs; prime/composite, multiples (4OA4)(T7)</p> <p>Multi-step problem solving and interpret remainders, variables and expressions; Math practices (4OA3) (T1-T7)</p> <p><u>Number and Operations -Fractions</u></p> <p>Recognize and generate equivalent fractions (4NF1) (T8)</p> <p>Compare fractions using benchmarks (4NF2) (T8)</p> <p>Word problems multiplying whole number and a fraction (4NF4c) Solve fractions word problems with like denominators, modeling; math practices (4NF3d) (T8-T10)</p>	<p>Understand addition/subtraction of fractions with like denominators (4NF3a) (T9)</p> <p>Add/subtract Mixed Numbers with like denominators (4NF3c) (T9)</p> <p>Decompose fractions (4NF3b) (T10)</p> <p>Understand $\frac{5}{4}$ is the product of $5 \times \frac{1}{4}$ (4NF4a) (T10)</p> <p>Understand $3 \times \frac{2}{5}$ as $6 \times \frac{1}{5}$ (4NF4b)(T10)</p> <p><u>Measurement & Data</u></p> <p>Relative size of units and equivalents; convert within <i>customary system</i> (4MD1) (Time-T10)</p> <p>Line Plots with fractions (4MD4) (T11)</p> <p>Problem solving with <i>customary measurement</i> using the four operations (4MD2) (Money-T12)</p> <p><u>Decimals</u></p> <p>Fractions as decimals $\frac{n}{10}$; $\frac{n}{100}$; liken to adding two fractions with denominators of 10 and 100 (4NF5) (T12)</p> <p>Read, write decimals, locate on number line (4NF6) (T12)</p> <p>Compare two decimals to hundredths (4NF7) (T12)</p> <p>Multi-step word problems with decimals with all four operations (4OA3) (T12)</p>	<p><u>Measurement & Data cont.</u></p> <p>Relative size of units and equivalents; convert within <i>metric system</i> (4MD1) (T13)</p> <p>Problem solving with <i>metric measurement</i> system using the four operations (4MD2) (T13)</p> <p>Area/Perimeter (4MD3) (T13)</p> <p><u>Operations and Algebraic Thinking</u></p> <p>Generate number patterns (4OA5) (T14)</p> <p><u>Geometry</u></p> <p>Draw, Identify points, lines, line segments, rays, angles (4G1) (T15)</p> <p><u>Measurement & Data</u></p> <p>Understand an angles (4MD5a,b) (T15)</p> <p>Measure angles (4MD6) (T15)</p> <p>Decomposing angles (4MD7) (T15)</p> <p><u>Geometry</u></p> <p>Classify 2-diminsional figures by parallel/perpendicular line segments and angles (4G2) (T16)</p> <p>Recognize symmetry (4G3) (T16)</p>