

Fourth Grade Parent Rubric

Quarter 3 Math

Geometry	3
Define and identify the characteristics of geometric figures through examination and construction (M4G1)	<p>Consistently: Describes parallel and perpendicular lines in plane geometric figures.</p> <p>Examines and compares angles in order to classify and identify triangles by their angles.</p> <p>Examines and classifies quadrilaterals (including parallelograms, squares, rectangles, trapezoids, and rhombi) by their properties.</p> <p>Compares and contrast the relationships among quadrilaterals.</p>
Understand fundamental solid figures (M4G2)	<p>Consistently: Builds/collects models for geometric figures (cubes, prisms, cylinders, pyramids, sphere, and cones) using nets and other representations.</p> <p>Describes parallel and perpendicular lines in planes in connection with rectangular prisms.</p> <p>Compares and contrast a cube and a rectangular prism in terms of the number and shape of their faces, edges, and vertices.</p>
Use the coordinate system (M4G3)	<p>Consistently: Locates a point in the first quadrant in the coordinate plane and name the order pair.</p> <p>Graphs ordered pairs in the first quadrant.</p> <p>Understands and applies ordered pairs in the first quadrant of the coordinate system.</p>
Data	3
Gather, organize, and display data according to the situation and will compare related features (M4D1)	<p>Consistently: Investigates the features and tendencies of graphs.</p> <p>Constructs and interprets line graphs, line plot graphs, pictographs, Venn diagrams, and bar graphs.</p> <p>Determines and justifies the range, mode, and median of a set of data.</p> <p>Compares different graphical representations for a given set of data and identifies missing information and duplication in data.</p>
Number Sense and Operations	3
Develop their understanding of the meaning of decimals and use them in computations (M4N5)	<p>Consistently: Understands decimals are part of the base-ten system.</p> <p>Add and subtract both one and two digit decimals.</p> <p>Understand the relative size of numbers and order of two digit decimals.</p> <p>Model multiplication and division of decimals by whole numbers.</p> <p>Multiply and divide both one and two digit decimals by whole numbers.</p>

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<p>Develop their understanding of the meaning of decimal fractions and common fractions and use them in computations (M4N6)</p>	<p>Consistently: Adds and subtracts fractions and mixed numbers with common denominators (denominators should not exceed twelve). Understands representations of equivalent common fractions and/or decimal fractions. Uses mixed numbers and improper fractions interchangeably.</p>
<p>Algebra</p>	<p style="text-align: center;">3</p>
<p>Represent and interpret mathematical relationships in quantitative expressions (M4A1)</p>	<p>Consistently: Represents unknowns using symbols using symbols, such as \square and Δ. Writes and evaluates mathematical expressions using symbols and different values. Understands and applies patterns and rules to describe relationships and solve problems.</p>