

Hickman County Curriculum Map

Sixth Grade

Mathematics

Third Six Weeks

| Grade Level Expectations | Checks for Understanding | Student Performance Indicator(s) |
|---|--|---|
| <p>6.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.</p> <p>6.1.4 Move flexibly between concrete and abstract representation of mathematical ideas in order to solve problems, model mathematical ideas, and communicate solution strategies.</p> <p>6.1.5 Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.</p> | <p>6.2.4 Understand ratio as a fraction used to compare two quantities by division. [page 374-376]</p> <p>6.2.5 Recognize a:b, a/b and “a to b” as notations for ratios. [page 374-376]</p> <p>6.2.6 Recognize common percentages as ratios based on fractions whose denominators are 2, 3, 4, 5, and 10. [page 395-396]</p> <p>6.2.7 Connect ratio and rate to multiplication and division. [page 379-380]</p> <p>6.2.8 Recognize that a terminating decimal equals a fraction with a denominator that is a power of ten. [Pages 395-401]</p> <p>6.2.10 Explore contexts that can be described with negative numbers (such as money, elevation, and temperature). [Pages 533-536]</p> <p>6.3.10 Understand that in an ordered pair (x,y) the x represents horizontal location and y represents vertical location. [page 562]</p> <p>6.3.11 Identify the quadrant of the coordinate system</p> | <p>6.1.3 Use concrete, pictorial, and symbolic representation for integers.</p> <p>6.2.5 Transform numbers from one form to another (<u>fractions</u>, <u>decimals</u>, <u>percents</u>, and mixed numbers). [pages 399-401]</p> <p>6.2.6 Solve problems involving ratios, rates, and percents. [Pages 374-380] 7 [pages 395-396]</p> <p>6.2.7 Locate positive rational numbers on the number line. [pages 533-536]</p> <p>6.2.8 Locate integers on the number line. [pages 533-536]</p> <p>6.3.9 Graph ordered pairs of integers in all four quadrants of the Cartesian system. [page 562]</p> |

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| <p>[pages 399-407]</p> <p>6.2.3 Understand and use ratios, rates, and percents.</p> <p>6.2.4 Understand and convert between fraction, decimal, and percent forms of rational numbers.</p> <p>6.2.5 Develop meaning for integers; represent and compare quantities with integers.</p> <p>6.3.6 Understand and use the Cartesian coordinate system.</p> | <p>in which a point lies. [page 562]</p> | |
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