



<p><u>Groovy Graphing</u> (4 weeks)</p> <ul style="list-style-type: none"> • Performs data analysis • Reads, interprets and analyzes given sets of data • Collects and displays data various ways • Understands how to determine the most appropriate means of displaying data <p><u>Divine Decimals</u> (7 weeks)</p> <ul style="list-style-type: none"> • Understands place value from hundredths to one million • Models and explains multiplication and division of decimal fractions • Understands the rules for multiplication and division of decimal fractions • Uses formulas to represent the relationship between quantities • Uses variables for unknown quantities 	<p><u>Divine Decimals (continued)</u> (complete unit from 1st nine weeks)</p> <p><u>Funky Fractions</u> (7 weeks)</p> <ul style="list-style-type: none"> • Classifies counting numbers into subsets • Finds factors and multiples • Analyzes and uses divisibility rules • Finds equivalent fractions • Simplifies fractions • Uses concrete, pictorial, and computational models to find common denominators • Compares fractions using greater than, less than and equal to • Adds and subtracts fractions and mixed numbers with unlike denominators • Uses fractions (proper and improper) and decimals interchangeably • Models multiplication and division of fractions • Estimates products and quotients • Uses variables for unknown quantities • Uses formulas to represent relationship between quantities 	<p><u>Positively Perfect Plane Figures (2-D)</u> (5 weeks)</p> <ul style="list-style-type: none"> • Derives the formula for the area of a parallelogram and triangle • Finds the area of regular and irregular polygons • Estimates and finds the area of circles • Understands congruence of geometric figures and their corresponding parts • Understands the relationship of a circle's circumference, diameter and pi • Uses variables for unknown quantities • Uses formulae to represent the relationship between quantities <p><u>Super Solid Figures</u> (5 weeks)</p> <ul style="list-style-type: none"> • Describes three dimensional figures by faces, edges, and vertices • Determines the formula for finding the volume of cubes and rectangular prisms • Estimates and determines the volume and capacity • Converts capacity measurements within a single system of measurement (customary and metric) 	<p><u>Super Solid Figures continued</u> (complete the unit from 3rd nine weeks)</p> <p><u>Putting it All Together</u> Produces a Culminating Activity</p> <p><u>Preview Sixth Grade Standards</u></p> <ul style="list-style-type: none"> • Fractions • Decimal Fractions • Process Skills <p>Unit timelines are suggestions.</p>
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Teaching, Learning, Caring

All units will include Skills to Maintain, the Process standards, the Algebra strand and Writing Across the Curriculum.