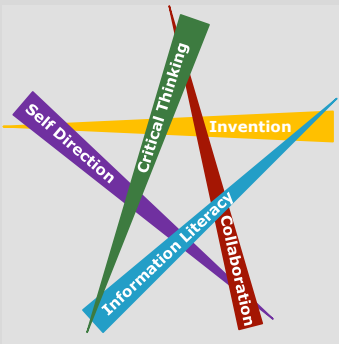


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Class/Content	Mathematics	Grade Level	5
Standard		Grade Level Expectations (GLE)	
1. Number Sense, Properties, and Operations		<ol style="list-style-type: none"> 1. The decimal number system describes place value patterns and relationships that are repeated in large and small numbers and forms the foundation for efficient algorithms 2. Formulate, represent, and use algorithms with multi-digit whole numbers and decimals with flexibility, accuracy, and efficiency 3. Formulate, represent, and use algorithms to add and subtract fractions with flexibility, accuracy, and efficiency 4. The concepts of multiplication and division can be applied to multiply and divide fractions 	
2. Patterns, Functions, and Algebraic Structures		1. Number patterns are based on operations and relationships	
3. Data Analysis, Statistics, and Probability		1. Visual displays are used to interpret data	
4. Shape, Dimension, and Geometric Relationships		<ol style="list-style-type: none"> 1. Properties of multiplication and addition provide the foundation for volume an attribute of solids 2. Geometric figures can be described by their attributes and specific locations in the plane 	
<p style="text-align: center;">Colorado 21st Century Skills</p>  <p>Critical Thinking and Reasoning: <i>Thinking Deeply, Thinking Differently</i></p> <p>Information Literacy: <i>Untangling the Web</i></p> <p>Collaboration: <i>Working Together, Learning Together</i></p> <p>Self-Direction: <i>Own Your Learning</i></p> <p>Invention: <i>Creating Solutions</i></p>		<p>Overview:</p> <p><i>In Grade 5, instructional time should focus on three critical areas: (1) developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); (2) extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and (3) developing understanding of volume.</i></p>	

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	<p>Mathematical Practices</p> <ol style="list-style-type: none"> 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning.
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Unit Titles	Length of Unit
1. The Whole Truth and Nothing but the Truth (Whole Number Sense/Operations)	8-10 Weeks
2. Fraction Action (Addition and Subtraction)	5-7 Weeks
3. On the Dot (Decimal Number Sense and Operations)	3-5 Weeks
4. Ship Shape 2D Geometry (Classifying/Area/Perimeter)	3-5 weeks
5. Data Crusher (Data Analysis)	1-3 weeks
6. X Marks the Spot (Algebraic Concepts)	3-5 weeks
7. Pump up the Volume (Volume of Rectangular Prisms)	1-3 weeks
8. Fraction Rection (Multiplication and Division)	1-3
Word problems, measurement, and problem solving skills will be included in all units.	

