

UNIT	CONTENT UNDERSTANDINGS	ASSESSMENTS
<b>Entry level CSMP</b>	<ul style="list-style-type: none"> <li>• Using mini-computers</li> <li>• Understanding <i>Arrow Roads</i></li> <li>• Understanding sets using <i>Strings</i></li> </ul>	<ul style="list-style-type: none"> <li>• CSMP worksheets</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Problem-Solving</b></li> <li>• <b>Numbers</b></li> <li>• <b>Algebra</b></li> </ul>	<ul style="list-style-type: none"> <li>• 4-step problem-solving plan</li> <li>• Problem-solving using patterns</li> <li>• Problem-solving using <i>Guess and Check</i></li> <li>• Probability (CSMP - P2)</li> <li>• Estimating using rounding</li> <li>• Order of operations</li> <li>• Algebraic expression</li> <li>• Powers and exponents</li> <li>• Solving equations using <i>Mental Math</i></li> <li>• Standardized test practice</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> </ul>
<b>Statistics</b> <ul style="list-style-type: none"> <li>• Graphing Data</li> </ul>	<ul style="list-style-type: none"> <li>• Bar graphs, line graphs</li> <li>• Circle graphs</li> <li>• Making predictions from line graphs</li> <li>• Stem and leaf plots</li> <li>• Mean, median, mode, range</li> <li>• Misleading statistics</li> <li>• Graphing ordered pairs</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> </ul>
<b>Adding and Subtracting Decimals</b>	<ul style="list-style-type: none"> <li>• Decimals through ten-thousandths</li> <li>• Length in the metric system (CSMP - G1)</li> <li>• Rounding decimals</li> <li>• Estimating sums and differences</li> <li>• Problem-solving – <i>Reasonable Answers</i></li> <li>• Adding and subtracting decimals (CSMP - N8)</li> <li>• Standardized test practice</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Lab activity</li> <li>• CSMP worksheets</li> </ul>

UNIT	CONTENT UNDERSTANDINGS	ASSESSMENTS
<ul style="list-style-type: none"> <li>• <b>Multiplying Decimals</b></li> <li>• <b>Dividing Decimals</b></li> </ul>	<ul style="list-style-type: none"> <li>• Multiplying and dividing decimals by whole numbers and decimals (CSMP - N14, N17, N24, N34**)               <ul style="list-style-type: none"> <li>• Associative, commutative properties</li> <li>• Distributive property (CSMP - N17)</li> </ul> </li> <li>• Problem-solving – <i>Solve a Simpler Problem</i></li> </ul>	<ul style="list-style-type: none"> <li>• Project-based (Math/Technology project)</li> <li>• Skills creating and using spreadsheets on the computer</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Geometry</b></li> <li>• <b>Measurement</b></li> </ul>	<ul style="list-style-type: none"> <li>• Perimeter and area - CSMP (rectangles)</li> <li>• Mass and capacity in the metric system (CSMP - G10-12)</li> <li>• Changing metric units</li> </ul>	<ul style="list-style-type: none"> <li>• CSMP <i>Arcade of Problems</i> worksheet</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Using Number Patterns</b></li> <li>• <b>Fractions</b></li> <li>• <b>Ratios</b></li> </ul>	<ul style="list-style-type: none"> <li>• Prime factorization (prime and composite numbers)</li> <li>• Problem-solving – <i>Make a List</i></li> <li>• Greatest common factor</li> <li>• Simplifying fractions and ratios (CSMP - N23*, N30)</li> <li>• Experimental probability (CSMP - P1)</li> <li>• Mixed numbers and improper fractions</li> <li>• Length in the customary system</li> <li>• Least common multiple</li> <li>• Comparing and ordering</li> <li>• Writing decimals and fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task assessment</li> <li>• Lab activity</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Adding Fractions</b></li> <li>• <b>Subtracting Fractions</b></li> </ul>	<ul style="list-style-type: none"> <li>• Rounding fractions and mixed numbers</li> <li>• Estimation with fractions</li> <li>• Problem-solving – <i>Eliminating Possibilities</i></li> <li>• Adding and subtracting with common denominators and unlike denominators (CSMP - N23**, N23***)</li> <li>• Adding and subtracting mixed numbers (CSMP - N27)</li> <li>• Adding and subtracting measures of time</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> </ul>

UNIT	CONTENT UNDERSTANDINGS	ASSESSMENTS
<ul style="list-style-type: none"> <li>• <b>Multiplying Fractions</b></li> <li>• <b>Dividing Fractions</b></li> </ul>	<ul style="list-style-type: none"> <li>• Estimate products using compatible numbers and rounding</li> <li>• Multiplying fractions and mixed numbers (CSMP - N9)</li> <li>• Circumference of circles</li> <li>• Dividing fractions and mixed numbers</li> <li>• Changing units within the customary system</li> <li>• Problem-solving - <i>Extending Patterns</i> (CSMP - N35)</li> <li>• Patterns and functions – sequences</li> <li>• Standardize test practice</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Exploring Ratios</b></li> <li>• <b>Proportion</b></li> <li>• <b>Percent</b></li> </ul>	<ul style="list-style-type: none"> <li>• Ratios (lab activity)</li> <li>• Ratios and rates</li> <li>• Solving proportions</li> <li>• Scale drawings</li> <li>• Percents</li> <li>• Percents and fractions</li> <li>• Percents and decimals</li> <li>• Estimating with percents</li> <li>• Percent of a number</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> </ul>
<p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Investigating Patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Angles (kinds and measuring)</li> <li>• Problem-solving – <i>Using Logical Reasoning</i></li> <li>• Lab activity (kinds of triangles – hypotenuse, base, etc.)</li> <li>• Two dimensional figures</li> <li>• Lines of symmetry – reflections (CSMP - G4-G69)</li> <li>• Similar and congruent figures</li> <li>• Translations (slides) – turns</li> <li>• Investigation with ratios</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple choice</li> <li>• Free response</li> <li>• Performance task</li> <li>• Lab activity</li> <li>• <i>Arcade of Problems</i> worksheet</li> </ul>

UNIT	CONTENT UNDERSTANDINGS	ASSESSMENTS
<b>Geometry</b> <ul style="list-style-type: none"><li>• Area and Volume</li></ul>	<ul style="list-style-type: none"><li>• Area of irregular shapes</li><li>• Area of parallelograms</li><li>• Area of triangles</li><li>• Area of circles</li><li>• Circle graphs</li><li>• Three dimensional figures</li><li>• Problem-solving – <i>Make a Model</i></li><li>• Volume of rectangular prisms</li><li>• Standardized test practice</li></ul>	<ul style="list-style-type: none"><li>• Multiple choice</li><li>• Free response</li><li>• Performance task</li><li>• Lab activity</li></ul>
<b>Investigating Integers</b>	<ul style="list-style-type: none"><li>• Integers</li><li>• Comparing and ordering Integers</li><li>• Problem-solving – <i>Work Backward</i></li><li>• The coordinate system</li></ul>	<ul style="list-style-type: none"><li>• Performance task</li></ul>
<b>Algebra</b> <ul style="list-style-type: none"><li>• Exploring Equations</li></ul>	<ul style="list-style-type: none"><li>• Solving one-step equations using models</li><li>• Solve problems by using an equation</li><li>• Standardized test practice</li></ul>	<ul style="list-style-type: none"><li>• Free response</li><li>• Performance assessment</li></ul>