

















**Grade 4 Math**

| Month     | Content  | Skills   |
|-----------|--|--|
| September | <p><b>A. Place Value</b></p> <ul style="list-style-type: none"> <li>°Hundred Millions</li> <li>°Estimation</li> <li>°Problem Solving</li> </ul> <p><b>B. Money</b></p> <ul style="list-style-type: none"> <li>°Bills and Coins</li> <li>°Change</li> </ul> | <p><b>A.</b></p> <ul style="list-style-type: none"> <li>•Identify place value of a digit in whole numbers through hundred millions </li> <li>•Compare, order, and round numbers through hundred millions </li> <li>•Analyze and solve problems using skills and strategies </li> </ul> <p><b>B.</b></p> <ul style="list-style-type: none"> <li>•Find and compare values of collections of bills and coins </li> <li>•Make change </li> </ul>  |
| October   | A. Addition and Subtraction of Whole Numbers   | <p><b>A.</b></p> <ul style="list-style-type: none"> <li>•Use properties of addition </li> <li>•Add and subtract three, four, and five-digit whole numbers </li> <li>•Estimate sums and differences </li> <li>•Write expressions and equations </li> <li>•Use addition and subtraction to evaluate expressions and solve equations </li> <li>•Analyze and solve problems using skills and strategies </li> </ul> |
| November  | A. Relating Multiplication and Division  | <p><b>A.</b></p> <ul style="list-style-type: none"> <li>•Multiply and divide by 2,3,4,5,6,7,8,9, or 10 </li> <li>•Use properties and rules of multiplication and division </li> <li>•Write expressions and equations </li> <li>•Evaluate expressions and functions, and solve equations </li> <li>•Analyze and solve problems using skills and strategies </li> </ul>   |
| December  | A. Multiplication of Whole Numbers   | A.   |



| Month               | Content  | Skills  |
|---------------------|--|---|
|                     | <p>B. Fractions and Mixed Numbers - mini unit</p>  | <ul style="list-style-type: none"> <li>•Find surface area and volume of a rectangular prism</li> <li>•Analyze and solve problems using skills and strategies</li> </ul> <p>B.</p> <ul style="list-style-type: none"> <li>•Represent fractions</li> <li>•Model equivalent fractions</li> </ul>   |
| <p><b>March</b></p> | <p>A. ISAT Preperation</p> <ul style="list-style-type: none"> <li>•Test taking skills/practice</li> <li>•Math Open-ended</li> </ul> <p>B.Measurement</p> | <p>A.</p> <ul style="list-style-type: none"> <li>•Eliminate obviously wrong answers (process of elimination)</li> <li>•Identify steps used to solve a word problem</li> <li>•Identify the strategy(ies) used to solve a word problem</li> <li>•Use mathematical schema and terms to explain the process used to solve a word problem</li> <li>•Re-phrase the question in a word problem to state a final labeled answer</li> </ul> <p>B.</p> <ul style="list-style-type: none"> <li>•Measure lengths using customary and metric units</li> <li>•Measure temperature</li> <li>•Convert among units of capacity and weight</li> </ul> |
| <p><b>April</b></p> | <p>A. Measurement and Negative Numbers</p>   | <p>A.</p> <ul style="list-style-type: none"> <li>•Measure lengths and find perimeters using customary and metric units</li> <li>•Convert among units of capacity and weight (mass) and choose the most appropriate unit to measure for customary and metric units of capacity and mass</li> <li>•Measure temperature above and below zero using degrees Fahrenheit and degrees Celsius</li> </ul>   |

