<table>
<thead>
<tr>
<th>MATHEMATICS – GRADE 5 CONCEPTS BY QUARTER</th>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
</tr>
</thead>
</table>
| **PROBLEM SOLVING**                      | • Look for and make use of structure  
• Attend to precision  
• Use appropriate tools strategically  
• Make sense of problems and persevere in solving them  
• Model with mathematics | | | |
| **MATHEMATICAL COMMUNICATION**           | • Construct viable arguments and critique the reasoning of others  
• Reason abstractly and quantitatively  
• Look for and express regularity in repeated reasoning | | | |
| **NUMBERS AND OPERATIONS**               | • Apply place value concepts using whole numbers  
• Understand operations with whole numbers and decimals  
• Extend understanding of multiplication and division | • Apply place value concepts using whole numbers  
• Understand operations with whole numbers and decimals  
• Use equivalent fractions to add or subtract | • Extend understanding of multiplication and division, including operations with fractions | |
| **OPERATIONS & ALGEBRAIC THINKING**      | • Solve numerical expressions and use the order of operations | | • Complete patterns and solve number relationship problems | |
| **GEOMETRY**                             | N/A | N/A | | • Graph points and use graphing in real world situations  
• Classify figures into categories |
| **MEASUREMENT & DATA**                   | N/A | N/A | | • Convert units of measure  
• Use a line plot to solve problems, including problems with fractions  
• Solve problems dealing with volume |