

## 5<sup>th</sup> Grade Report Card Rubric

### Mathematics

#### Marking Period 1

<b>Units 1-3</b>			
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Understands and applies concepts</b>			
<b>Unit 1</b>			
<ul style="list-style-type: none"><li>• Student rarely meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Student sometimes meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Understands cubic measurement</li><li>• Is able to measure volume and apply formulas for rectangular prisms</li><li>• Represents products of three whole numbers as volume</li></ul>	<ul style="list-style-type: none"><li>• Extends mathematical concepts from unit skills independently.</li><li>• Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.</li></ul>
<b>Unit 2</b>			
<ul style="list-style-type: none"><li>• Student rarely meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Student sometimes meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Understands the relationships between the places in multi-digit numbers</li><li>• Uses whole number exponents to denote powers of 10</li><li>• Fluently multiplies multi-digit whole numbers</li><li>• Converts measurement units within the same system</li><li>• Divides multi-digit whole numbers</li></ul>	<ul style="list-style-type: none"><li>• Extends mathematical concepts from unit skills independently.</li><li>• Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.</li></ul>
<b>Unit 3</b>			
<ul style="list-style-type: none"><li>• Student rarely meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Student sometimes meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Solves number stories involving whole number division that leads to fractional answers</li><li>• Interprets a fraction as a division of a numerator and denominator</li><li>• Uses estimates to reason sums and differences of fractions</li><li>• Adds and subtracts fractions with unlike denominators</li></ul>	<ul style="list-style-type: none"><li>• Extends mathematical concepts from unit skills independently.</li><li>• Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept.</li></ul>
<b>Communicates mathematical thinking</b>			
<ul style="list-style-type: none"><li>• Student rarely meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Student sometimes meets the expectations.</li></ul>	<ul style="list-style-type: none"><li>• Student is able to communicate mathematical thinking through concise and clear verbal or written expression.</li></ul>	<ul style="list-style-type: none"><li>• Student is able to communicate mathematical information in an accurate and unique manor, demonstrating comprehensive understanding of the material which may include connections to other places this skill can be used.</li></ul>

<b>Applies problem solving strategies</b>			
<ul style="list-style-type: none"> <li>• Student rarely meets the expectations.</li> </ul>	<ul style="list-style-type: none"> <li>• Student sometimes meets the expectations.</li> </ul>	<ul style="list-style-type: none"> <li>• Student is able to use problem solving skills to solve and show solution to multistep word problems.</li> </ul>	<ul style="list-style-type: none"> <li>• Extends mathematical concepts from unit skills in an accurate and unique manor to solve problems.</li> <li>• Demonstrates the ability to analyze, evaluate and/or synthesize solutions and justify choices in relation to the larger concept</li> </ul>
<b>Computes Accurately</b>			
<ul style="list-style-type: none"> <li>• Student rarely meets the expectations.</li> </ul>	<ul style="list-style-type: none"> <li>• Student sometimes meets the expectations.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates proficiency in all areas of computation including: addition, subtraction, multiplication and division of whole numbers and fractions and decimals.</li> </ul>	<ul style="list-style-type: none"> <li>• Computes accurately using advanced and creative groupings in multi-digit computation</li> </ul>