

## Mathematics Rubric - Third Quarter

Math Standard	Support Needed	Progressing	Meets
<b>Operations and Algebraic Thinking</b>			
Multiply and divide within 100.	<ul style="list-style-type: none"> <li>• Does not complete and/or requires full support and guidance with activities</li> <li>• Does not multiply numbers 0-10.</li> <li>• Does not divide numbers 0-5.</li> </ul>	<ul style="list-style-type: none"> <li>• Partially completes and/or completes activities with support and guidance.</li> <li>• Sometimes multiplies numbers 0-10.</li> <li>• Sometimes divides numbers 0-5.</li> </ul>	<ul style="list-style-type: none"> <li>• Independently completes activities.</li> <li>• Consistently multiplies numbers 0-10</li> <li>• Consistently divides numbers 0-5.</li> </ul>
Problem solves using the four basic operations.	<ul style="list-style-type: none"> <li>• Does not complete and/or requires full support and guidance with activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Partially completes and/or completes activities with support and guidance.</li> </ul>	<ul style="list-style-type: none"> <li>• Independently completes activities.</li> </ul>
<b>Number and Operation in Base Ten</b>			
Round to the nearest 10 or 100.	Not Assessed this Quarter		
Fluently add and subtract within 1,000.	<ul style="list-style-type: none"> <li>• Does not complete and/or requires full support and guidance with activities.</li> <li>• Does not fluently add or subtract within 1,000.</li> </ul>	<ul style="list-style-type: none"> <li>• Partially completes and/or completes activities with support and guidance.</li> <li>• Fluently adds <b>or</b> subtracts within 1,000.</li> </ul>	<ul style="list-style-type: none"> <li>• Independently completes activities.</li> <li>• Fluently adds and subtracts within 1,000.</li> </ul>
<b>Number Operations in Fraction</b>			
Understand what a numerator and denominator of a fraction represent.	Not Assessed this Quarter		
Understands fractions as a number on a number line.	<ul style="list-style-type: none"> <li>• Does not complete and/or requires full support and guidance with activities.</li> <li>• Does not understand fractions as a number on the number line.</li> </ul>	<ul style="list-style-type: none"> <li>• Partially completes and/or completes activities with support and guidance.</li> <li>• Sometimes demonstrates understanding of fractions as a number on a number line.</li> </ul>	<ul style="list-style-type: none"> <li>• Independently completes activities.</li> <li>• Consistently demonstrates understanding of fractions as a number on a number line.</li> </ul>

Recognizes and creates equivalent fractions.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities.</li> <li>Does not understand equivalent fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Sometimes demonstrates understanding of equivalent fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Consistently demonstrates understanding of equivalent fractions.</li> </ul>
Expresses whole numbers as a fraction.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities.</li> <li>Does not express whole numbers as a fraction.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Sometimes expresses whole numbers as fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Consistently expresses whole numbers as a fraction.</li> </ul>
Compares fractions.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities.</li> <li>Does not compare fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Sometimes compares fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Consistently compares fractions.</li> </ul>

**Measurement and Data**

Tell and write time to the nearest minute.	Not Assessed this Quarter
Demonstrates an understanding of elapsed time	Not Assessed this Quarter
Measures and estimates liquid volumes and masses of objects using units.	Not Assessed this Quarter
Creates picture graphs, bar graphs, and line plots and solve coordinating problems.	Not Assessed this Quarter
Measure to the nearest whole, half, and quarter inch.	Not Assessed this Quarter

Find area of a given rectangle.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities.</li> <li>Cannot find the area when given the side length or square units.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Can find the area <ul style="list-style-type: none"> <li>Given the side lengths <b>or</b></li> <li>Square units</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Can find the perimeter <ul style="list-style-type: none"> <li>Given the side length <b>and</b></li> <li>Square units</li> </ul> </li> </ul>
Finds perimeter of a given polygon.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities</li> <li>Cannot find the perimeter when given the side length or finding unknown side lengths.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Can find the perimeter <ul style="list-style-type: none"> <li>Given the side length <b>or</b></li> <li>Finding unknown side lengths</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Can find the perimeter <ul style="list-style-type: none"> <li>Given the side length <b>and</b></li> <li>Finding unknown side lengths</li> </ul> </li> </ul>
<b>Geometry</b>			
Understands and recognizes shapes in different categories may share traits.	Not Assessed this Quarter		
Divides shapes into parts with equal areas and label each part as a fraction.	<ul style="list-style-type: none"> <li>Does not complete and/or requires full support and guidance with activities</li> <li>Cannot divide shapes into parts with equal areas and labels each part as a fraction.</li> </ul>	<ul style="list-style-type: none"> <li>Partially completes and/or completes activities with support and guidance.</li> <li>Can divide shapes into parts <ul style="list-style-type: none"> <li>With equal areas <b>or</b></li> <li>Label each part as a fraction</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Independently completes activities.</li> <li>Can divide shapes into parts <ul style="list-style-type: none"> <li>With equal areas <b>and</b></li> <li>Label each part as a fraction</li> </ul> </li> </ul>