

## Grade 3 Math Choice Menu

Items on this menu are grade level appropriate with some extension and some review.

<p style="text-align: center;"><b><u>Cereal Math</u></b></p> <p>Scoop a cup of different colored cereal or other multi-colored objects.</p> <ul style="list-style-type: none"> <li>Sort by color.</li> <li>Multiply each color by the others and record the multiplication fact.</li> <li>Draw an array for each multiplication fact.</li> <li>Write related multiplication and division facts.</li> </ul> <p>Ex: 3 blue, 7 yellow</p> <ul style="list-style-type: none"> <li><math>3 \times 7 = 21</math></li> <li><math>7 \times 3 = 21</math></li> <li><math>21 \div 7 = 3</math></li> <li><math>21 \div 3 = 7</math></li> </ul>	<p style="text-align: center;"><b><u>Measurement</u></b></p> <p>Using a standard unit of measurement (feet/inches) or a non-standard unit of measurement (hand/foot) find the area and perimeter of a room or outdoor space.</p> <ul style="list-style-type: none"> <li>Perimeter is the distance around the outside.</li> <li>Area is the space in the middle.</li> </ul> <p>After you have measured, answer these questions.</p> <ul style="list-style-type: none"> <li>Which is greater?</li> <li>By how much?</li> <li>If you measure another space, do you think the same will be true? Try it and see.</li> </ul>	<p style="text-align: center;"><b><u>Junk Mail Word Problems</u></b></p> <p>Select a picture, graph, advertisement, restaurant menu from junk mail, a newspaper or a magazine. Write a word problem to represent what is being shown.</p> <p>Use grade level math concepts:</p> <ul style="list-style-type: none"> <li>Multiplication</li> <li>Division</li> <li>Multi-digit addition</li> <li>Multi-digit subtraction</li> <li>Ordering and comparing</li> <li>Area/perimeter</li> <li>Time</li> <li>Money</li> </ul>																																																																																																																									
<p style="text-align: center;"><b><u>Create a Song or Poem</u></b></p> <p>Create a song or poem that teaches:</p> <ul style="list-style-type: none"> <li>Multiplication facts</li> <li>Division facts</li> <li>Area and perimeter</li> <li>Telling time</li> </ul>	<p style="text-align: center;"><b><u>Skip Count</u></b></p> <p>Write the next 20 numbers in the sequence starting with:</p> <ul style="list-style-type: none"> <li>3, 6, 9</li> <li>9, 18, 27</li> <li>9999, 9810, 9621</li> <li>2:15 p.m., 2:35 p.m., 2:55 p.m.</li> </ul> <p>Next:</p> <ul style="list-style-type: none"> <li>Identify the rule for each sequence.</li> <li>Create your own sequence and see if a family member can identify the rule.</li> </ul>	<p style="text-align: center;"><b><u>Create a Multiplication Chart</u></b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>x</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <ul style="list-style-type: none"> <li>Set a timer to see how long it takes to complete the chart.</li> <li>Try to beat your time everyday.</li> </ul>	x	1	2	3	4	5	6	7	8	9	10	1											2											3											4											5											6											7											8											9											10										
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<p style="text-align: center;"><b><u>Geometry</u></b></p> <p>Choose a room in your home. Create a list of the shapes you see.</p> <ul style="list-style-type: none"><li>• Identify how many of each shape you see.</li><li>• How many quadrilaterals did you find?</li><li>• How many other shapes did you find?</li><li>• Create a graph to show your findings.</li></ul>	<p style="text-align: center;"><b><u>Connection to Reading</u></b></p> <p>Use the characters and situation from a story you recently read to create 3 word problems.</p> <p>Use grade level math concepts:</p> <ul style="list-style-type: none"><li>• Multiplication</li><li>• Division</li><li>• Multi-digit addition/subtraction</li><li>• Ordering and comparing</li><li>• Area/perimeter</li><li>• Time/Money</li></ul>	<p style="text-align: center;"><b><u>Make a Graph</u></b></p> <p>Make a bar graph and picture graph:</p> <ul style="list-style-type: none"><li>• Survey family members on their favorites (ex: fruit, vegetables, dessert, etc)</li><li>• Make a graph with toys, books, and games</li><li>• Make a clothing graph with shirts, jackets, pants, shorts, and shoes.</li></ul> <p>Next: Compare the data on the graph and write 5 true statements about the data.</p>
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