

Grade 5 Math Choice Menu

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

<p style="text-align: center;"><u>Cereal Math</u></p> <p>Scoop a cup (20 or fewer pieces) of different colored cereal, or other colored objects.</p> <ul style="list-style-type: none"> ● Sort by color. ● Make a table of your data including the following categories. <ul style="list-style-type: none"> ○ Color ○ Fraction ○ 3 Equivalent fractions ○ Equivalent decimal ● What fraction of each color do you have? Name an equivalent fraction. ● Write each fraction as a decimal. 	<p style="text-align: center;"><u>Measurement</u></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"> ● Perimeter is the distance around the outside. ● Area is the space in the middle. <p>After you have measured, answer these questions.</p> <ul style="list-style-type: none"> ● Which is greater? ● By how much? ● If you measure another space, do you think the same will be true? Try it and see. 	<p style="text-align: center;"><u>Junk Mail Word Problem</u></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"> ● Operations with fractions ● Operations with decimals ● Multi-digit multiplication ● Multi-digit division ● Ordering and comparing ● Area/perimeter/volume 																																																																																																																									
<p style="text-align: center;"><u>Create a Song or Poem</u></p> <p>Create a song or poem that teaches the steps for:</p> <ul style="list-style-type: none"> ● converting a fraction to a decimal and a decimal to a fraction. ● Adding/subtracting fractions with unlike denominators ● Multiplying/dividing fractions with unlike denominators 	<p style="text-align: center;"><u>Skip Count</u></p> <p>Write the next 20 numbers in the sequence starting with:</p> <ul style="list-style-type: none"> ● $\frac{1}{2}$, 1, $1\frac{1}{2}$... ● $\frac{1}{4}$, 1, $1\frac{3}{4}$ ● 0.25, 0.75, 1.25 ● 1.33, 1.44, 1.55 <p>Next:</p> <ul style="list-style-type: none"> ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule. 	<p style="text-align: center;"><u>Create a Multiplication Chart</u></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"> ● Set a timer to see how long it takes to complete the chart. ● Try to beat your time everyday. 	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;"><u>Geometry</u></p> <p>Choose a room in your home. Create a list of the shapes you see.</p> <ul style="list-style-type: none"> ● Identify if the shape is 2D or 3D ● List attributes for the shapes ● Classify the shapes into categories based upon their attributes ● List the number of times each shape occurs. ● Rank each shape from least to greatest. ● Create a graph to show your findings. 	<p style="text-align: center;"><u>Connection to Reading</u></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"> ● Operations with fractions ● Operations with decimals ● Multi-digit multiplication ● Multi-digit division ● Ordering and comparing ● Area/perimeter/volume 	<p style="text-align: center;"><u>Make a Graph</u></p> <p>Create a line plot.</p> <ul style="list-style-type: none"> ● Find 5 different recipes in your home. They can be family recipes or on the box. ● Create a line plot to show a data set for each of the measurements from the recipes from 0 to 1 to include $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ etc. <p>Next:</p> <ul style="list-style-type: none"> ● Choose 1 recipe. Adjust the ingredients for $\frac{1}{2}$ of the recipe and for triple the recipe. 																																																																																																																									