Grade 5 Math Choice Menu

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

Cereal Math Scoop a cup (20 or fewer pieces) of different colored cereal, or other colored objects. ● Sort by color. ● Make a table of your data including the following categories. ○ 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.	**Measurement** 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. ● Perimeter is the distance around the outside. ● Area is the space in the middle. After you have measured, answer these questions. ● Which is greater? ● By how much? ● If you measure another space, do you think the same will be true? Try it and see.	**Junk Mail Word Problem** 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. Use grade level math concepts: ● Operations with fractions ● Operations with decimals ● Multi-digit multiplication ● Multi-digit division ● Ordering and comparing ● Area/perimeter/volume
Create a Song or Poem Create a song or poem that teaches the steps for: ● converting a fraction to a decimal and a decimal to a fraction. ● Adding/subtracting fractions with unlike denominators ● Multiplying/dividing fractions with unlike denominators	**Skip Count** Write the next 20 numbers in the sequence starting with: ● ½, 1, 1½ ... ● ¼, 1, 1¾ ● 0.25, 0.75, 1.25 ● 1.33, 1.44, 1.55 **Next:** ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule.	**Create a Multiplication Chart** ● Set a timer to see how long it takes to complete the chart. ● Try to beat your time everyday.
Geometry Choose a room in your home. Create a list of the shapes you see. ● 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.	**Connection to Reading** Use the characters and situation from a story you recently read to create 3 word problems. Use grade level math concepts: ● Operations with fractions ● Operations with decimals ● Multi-digit multiplication ● Multi-digit division ● Ordering and comparing ● Area/perimeter/volume	**Make a Graph** Create a line plot. ● 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 ¼, ½, ¾ etc. Next: ● Choose 1 recipe. Adjust the ingredients for ½ of the recipe and for triple the recipe.

Grade 4 Math Choice Menu

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

Cereal Math	Measurement	Junk Mail Word Problems
Scoop a cup (20 or fewer pieces) of different colored cereal or other colored objects. ● Sort by color. ● Make a table of your data including the following categories. ○ Color ○ Fraction ○ 3 Equivalent fractions ● What fraction of each color do you have? Name an equivalent fraction. ● Write each fraction as a decimal.	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. ● Perimeter is the distance around the outside. ● Area is the space in the middle. After you have measured, answer these questions. ● Which is greater? ● By how much? ● If you measure another space, do you think the same will be true? Try it and see.	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. Use grade level math concepts: ● Operations with fractions ● Multi-digit multiplication ● Multi-digit division ● Multi-digit addition ● Multi-digit subtraction ● Ordering and comparing ● Area/perimeter
Create a Song or Poem	**Skip Count**	**Create a Multiplication Chart**
Create a song or poem that teaches the steps for: ● Adding/subtracting fractions with like denominators ● Multiplying/dividing fractions with like denominators	Write the next 20 numbers in the sequence starting with: ● ½, 1, 1½ … ● ¼, 1, 1¾ … ● 3,475, 3,390, 3,305… ● 2:25 p.m., 3:15 p.m., 4:05 p.m. Next: ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule.	 ● Set a timer to see how long it takes to complete the chart. ● Try to beat your time everyday.
Geometry	**Connection to Reading**	**Make a Graph**
Choose a room in your home. Create a list of the shapes you see. ● List attributes for the shapes ● Classify the shapes into categories based upon their attributes ● How many lines of symmetry do you see? ● Rank each shape from least to greatest based on the number in each category. ● Create a graph to show your findings.	Use the characters and situation from a story you recently read to create 3 word problems. Use grade level math concepts: ● Operations with fractions ● Multi-digit multiplication ● Multi-digit division ● Multi-digit addition ● Multi-digit subtraction ● Ordering and comparing ● Area/perimeter	Find angles around your house that measure less than 90 degrees, about 90 degrees, 90 and 180 degrees, 180 degrees, and more than 180 degrees. ● Make a line plot to display the data set. Next: Compare the data and write 5 true statements about the data.

Grade 3 Math Choice Menu

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

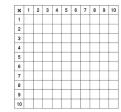| Cereal Math	Measurement	Junk Mail Word Problems
Scoop a cup of different colored cereal or other multi-colored objects. ● Sort by color. ● Multiply each color by the others and record the multiplication fact. ● Draw an array for each multiplication fact. ● Write related multiplication and division facts. Ex: 3 blue, 7 yellow ● 3 x 7 = 21 ● 7 x 3 = 21 ● 21 ÷ 7 = 3 ● 21 ÷ 3 = 7	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. ● Perimeter is the distance around the outside. ● Area is the space in the middle. After you have measured, answer these questions. ● Which is greater? ● By how much? ● If you measure another space, do you think the same will be true? Try it and see.	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. Use grade level math concepts: ● Multiplication ● Division ● Multi-digit addition ● Multi-digit subtraction ● Ordering and comparing ● Area/perimeter ● Time ● Money
Create a Song or Poem	Skip Count	Create a Multiplication Chart
Create a song or poem that teaches: ● Multiplication facts ● Division facts ● Area and perimeter ● Telling time	Write the next 20 numbers in the sequence starting with: ● 3, 6, 9 ● 9, 18, 27 ● 9999, 9810, 9621 ● 2:15 p.m., 2:35 p.m., 2:55 p.m. Next: ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule.	 ● Set a timer to see how long it takes to complete the chart. ● Try to beat your time everyday.
Geometry	Connection to Reading	Make a Graph
Choose a room in your home. Create a list of the shapes you see. ● Identify how many of each shape you see. ● How many quadrilaterals did you find? ● How many other shapes did you find? ● Create a graph to show your findings.	Use the characters and situation from a story you recently read to create 3 word problems. Use grade level math concepts: ● Multiplication ● Division ● Multi-digit addition/subtraction ● Ordering and comparing ● Area/perimeter ● Time/Money	Make a bar graph and picture graph: ● Survey family members on their favorites (ex: fruit, vegetables, dessert, etc) ● Make a graph with toys, books, and games ● Make a clothing graph with shirts, jackets, pants, shorts, and shoes. Next: Compare the data on the graph and write 5 true statements about the data.

Grade 2 Math Choice Menu

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

Cereal Math	Measurement	Junk Mail Word Problems
Scoop a cup of different colored cereal other multi-colored objects. ● Sort by color. ● Order from least to greatest. ● Make a graph to represent your data.	Using a standard unit of measurement (feet/inches) or a non-standard unit of measurement (hand/foot/finger/pencil/fork/shoe) to measure items in your house/yard. ● How long is it? ● How wide is it? ● How tall is it? ● How deep is it?	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. Use grade level math concepts: ● Multi-digit addition ● Multi-digit subtraction ● Ordering and comparing ● Length/width/height ● Time ● Money
Create a Song or Poem Create a song or poem that teaches: ● How to tell the difference between different coins ● Counting money ● Telling time	**Skip Count** Write the next 20 numbers in the sequence starting with: ● 4, 8, 12 ● 122, 132, 142 ● 389, 359, 329 ● 2:30 p.m., 2:45 p.m., 3:00 p.m. Next: ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule	**Create a Chart from 200-300** ● Color all the even numbers red. ● Count by 5s. Put a square around each number. ● Count by 10s. Put a circle around each number. ● Count by 3s. Color each number blue. Next: ● Do you notice any patterns? ● Can you skip count by 4, 6, 7, 8, 9?
Geometry Choose a room in your home. Create a list of the shapes you see. ● Identify how many of each shape you see. ● Create a graph to show your findings. ● Choose 3 shapes. Draw these shapes in 3 different sizes. Label the sides and angles in your shapes.	**Connection to Reading** Use the characters and situation from a story you recently read to create a word problem. Use grade level math concepts: Use grade level math concepts: ● Multi-digit addition ● Multi-digit subtraction ● Ordering and comparing ● Length/width/height ● Time ● Money	**Make a Graph** Make a simple bar graph and picture graph: ● Survey family members on their favorites (ex: fruit, vegetables, dessert, etc) ● Make a graph with toys, books, and games ● Make a clothing graph with shirts, jackets, pants, shorts, and shoes. Next: Compare data on the graph and write 3 true statements about the data.

Grade 1 Math Choice Menu

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

Cereal Math	Measurement	Junk Mail Word Problems
Scoop a cup of different colored cereal or other multi-colored items. ● Sort by color. ● Count each color set. ● Count all. ● Add 2 or 3 colors together. ● Order from least to greatest. ● What color has the most/least? ● How many will you have if you add 5 to each set.	Using a standard unit of measurement (feet/inches) or a non-standard unit of measurement (hand/foot/finger/pencil) measure items in your house/yard/ ● How long is it? ● How wide is it? ● How tall is it? ● How deep is it?	Select a picture, graph, advertisement, or restaurant menu from junk mail, a newspaper or a magazine. Write a word problem to represent what is being shown**.** Use grade level math concepts: ● Addition ● Subtraction ● Ordering and comparing ● Length/width/height ● Time
Create a Song or Poem Create a song or poem that teaches ● Different ways to add ● Different ways to subtract ● Identify different shapes. (square, rectangle, circle, triangle, trapezoid, rhombus, parallelogram.)	**Skip Count** Write the next 10 numbers in the sequence starting with: ● 5, 10, 15 ● 15, 23, 31 ● 70, 68, 66, 64 ● 1:30 p.m., 2:00 p.m., 2:30 p.m. Next: ● Identify the rule for each sequence. ● Create your own sequence and see if a family member can identify the rule	**Create a 100 Chart** ● Color all the even numbers red. ● Count by 5s. Put a square around each number. ● Count by 10s. Put a circle around each number. ● Count by 3s. Color each number blue. Next: ● Do you notice any patterns? ● Can you skip count by 4, 6, 7, 8, 9?
Geometry Choose a room in your home. Create a list of the shapes you see. ● Identify how many of each shape you see. ● Create a graph to show your findings. ● Choose 3 shapes and list the number of sides and angles for each shape.	**Connection to Reading** Use the characters and situation from a story you recently read to create a word problem. Use grade level math concepts: Use grade level math concepts: ● Addition ● Subtraction ● Ordering and comparing ● Length/width/height ● Time	**Make a Graph** Make a simple bar graph: ● Survey family members on their favorites (ex: fruit, vegetables, dessert, etc) ● Make a graph with toys, books, and games Next: Compare the data on the graph and write 3 true statements about the data.

Grade K Math Choice Menu

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

Cereal Math	Measurement	Junk Mail Word Problems
Scoop a cup of different colored cereal or other multi-colored items. ● Count all. ● Sort by color. ● Count each color set. ● Add 2 colors together.	Using a standard unit of measurement (feet/inches) or a non-standard unit of measurement (hand/foot/finger/pencil/) measure items in your house/yard/ ● How long is it? ● How wide is it? ● How tall is it? ● How deep is it?	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. Use grade level math concepts: ● Counting ● Ordering and comparing ● Addition ● Subtraction
Create a Song or Poem	Counting On/Skip Count	Create a 100 Chart
Create a song or poem that teaches ● Numbers 1-20 ● Compares numbers between 1-10 ● Fluently add or subtract within 5 ● Describes shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres)	● Practice counting on from a given number other than 1 (1-100) ● Skip count by 2, 5, 10	● Color all the even numbers red. ● Color all of the odd numbers blue ● Count by 5s. Put a square around each number. ● Count by 10s. Put a circle around each number. Next: ● Do you notice any patterns?
Geometry	Connection to Reading	Make a Graph
Ask your child to find items that are : ● squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres ● Ask your child to sort different items based on on their shape ● Identify shapes as 2d or 3d ● Build shapes using items such as Play-doh or popsicle sticks ● Draw a picture using different shapes	Use the characters and situation from a story you recently read to create a word problem. Use grade level math concepts: Use grade level math concepts: ● Counting ● Ordering and comparing ● Addition ● Subtraction	Make a simple bar graph: ● Survey family members on their favorites (ex: fruit, vegetables, dessert, etc) ● Make a graph with toys Next: ● Compare the data on the graph and tell a family member 3 true statements about the data.