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 Create a song or poem that teaches the steps for: ● Adding/subtracting fractions with like denominators ● Multiplying/dividing fractions with like denominators	**Skip Count** 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.	 **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. ● 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	**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 ● Multi-digit multiplication ● Multi-digit division ● Multi-digit addition	**Make a Graph** 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.

on the number in each category. ● Create a graph to show your findings.	● Multi-digit subtraction ● Ordering and comparing ● Area/perimeter	