Grade 3 Math Choice Menu

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

C	N / - + -
Cereal	iviatri

Scoop a cup of different colored cereal or other multicolored 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

- $3 \times 7 = 21$
- $7 \times 3 = 21$
- $21 \div 7 = 3$
- $21 \div 3 = 7$

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 Problems

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

Create a song or poem that teaches:

- Multiplication facts
- Division facts
- Area and perimeter
- Telling time

Skip Count

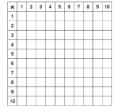
Write the next 20 numbers in the sequence starting with:

- 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.

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 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.

Connection to Reading

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 Graph

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.