

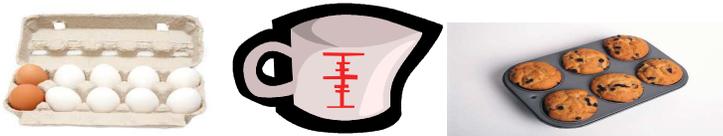
T/E Primary K-2 Mathematics



November/December 2011

Cooking Up Some Math

At this time of year many families spend time celebrating the holidays and enjoying time together. There are wonderful opportunities to share and experience new things. One way my family spends time together is by cooking in the kitchen. Whether it is a large elaborate meal or just baking cookies or brownies, the opportunities for children to experience real-life mathematics abound.



Where's the Math?

1. Count the eggs or other ingredients added.
2. Find out how many eggs are in an egg carton. How many eggs are in a dozen?
3. Measure using cups, pints, teaspoons, or tablespoons.
4. Explore fractions with $\frac{1}{2}$ cup or $\frac{1}{4}$ teaspoon, etc...
5. Halve or double a recipe. How will this change the amount of ingredients needed?
6. Set the oven temperature and the timer.
7. Calculate elapsed time while your recipe is baking. Determine the ending time.
8. Cut your pie into eighths or your brownies into twelfths or twenty-fourths so that each person gets a "fair share."

The possibilities are endless. Keep your eyes opened for opportunities to point out mathematics in every day activities. It's not only educational, it's fun!

Make Your Own Play dough Stay Fresh Play dough Recipe

Ingredients:

- 1 cup of flour
- $\frac{1}{2}$ cup of salt
- 1 tablespoon cream of tarter
- 1 tablespoon of oil
- 1 cup of boiling water

Directions: Heat all ingredients in a saucepan. Slow to medium heat. Add food coloring if desired. Stir continuously. Once the mixture is a doughy consistency, remove from heat. Cool before using. When finished, store in an airtight container in refrigerator. Use cookie cutters to cut out shapes and make patterns.

Cookbooks for Kids

Cook: Fabulous Food for the Whole Family by Sarah & Zachary Williamson

I Made it Myself by Sandra and Heather Nissenberg

A First Cookbook for Children by Evelyne Johnson

The Everything Kids Cookbook: from mac 'n cheese to double chocolate cookies, all you need to have some finger lickin' fun ! by Sandra K. Nissenberg M.S. R.D.

The International Cookbook for Kids by Matthew Locricchio