

"Fall" Into Math

FALL PARENT NEWSLETTER

FALL ACTIVITIES THAT INCORPORATE MATH SKILLS

The fall is a wonderful time to be outside! Whether it be hayrides, pumpkin and apple picking or taking a walk outside-math can easily be incorporated. Read below for ways you can help at home, plus some fun, fall math games for the entire family!

Ways a Parent Can Help with MATH

- 1 Look for shapes and patterns in real life
- 2 Have your child measure ingredients for a recipe you are making
- 3 Ask your child to explain the math skills he or she is working on in school
- 4 When helping your child with homework or school assignments, ask him or her to explain how he or she got an answer
- 5 Help your child find some appropriate number and problem-solving games to play online
- 6 Play card or board games that involve counting or patterns
- 7 Ask your child to count change at the grocery store, or to estimate the total cost while you are shopping
- 8 Compare:
...the tallest?
...the heaviest?
...the longest?
...the smallest?
...the fastest?
...the hottest?
...the most expensive?
- 9 Have tools such as a ruler, a scale, a calculator, and a measuring tape available to use in your house
- 10 Encourage your child to track or graph scores or stats for a favorite sports team
- 11 Use dice or playing cards to make a game out of practicing math facts

Point out ways math is part of "real" life: money, computers, music, art, construction, cooking...
All around us, every day.

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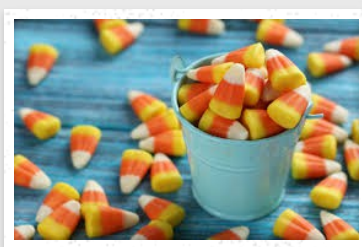
HOW HEAVY IS A PUMPKIN?

For the primary learner:

1. weighing pumpkins and using non standard units to make comparative weights (what weighs about the same as this pumpkin?)
2. Counting the seeds in a pumpkin and comparing

For the intermediate learner:

1. Estimating the weight
2. Comparing weight and converting pounds/ounces, grams/kilograms
3. Finding the weight and representing it with money
4. Writing number stories related to pumpkins



CANDY CORN COUNTING!

For the primary learner:

1. Making groups and practice skip counting by 2's, 5's and 10's.
2. Word problems (+ and -) using real candy corn as manipulatives
3. Making piles of candy corn and making greater than/less than comparisons
4. *Candy Corn Comparisons (see below for illustration)

For the intermediate learner:

1. Estimation (how many are in the bag?)
2. Given a set amount of candy corn, figure out how many different ways they can evenly be grouped (division)
3. Using multiple groups of candy corn, multiply the total amount.



APPLES GALORE!

For the primary learner:

1. *Fingerprint Counting (see below for illustration)
2. Addition and subtraction word problems (using real apples for more fun!)

For the intermediate learner:

1. Fraction Work: cutting apples and determining fraction of the whole, adding/subtracting/multiplying and dividing fractions using the apples
2. Find the approximate volume of an apple by drawing a mathematical model (hint: box using $l \times w \times h$)

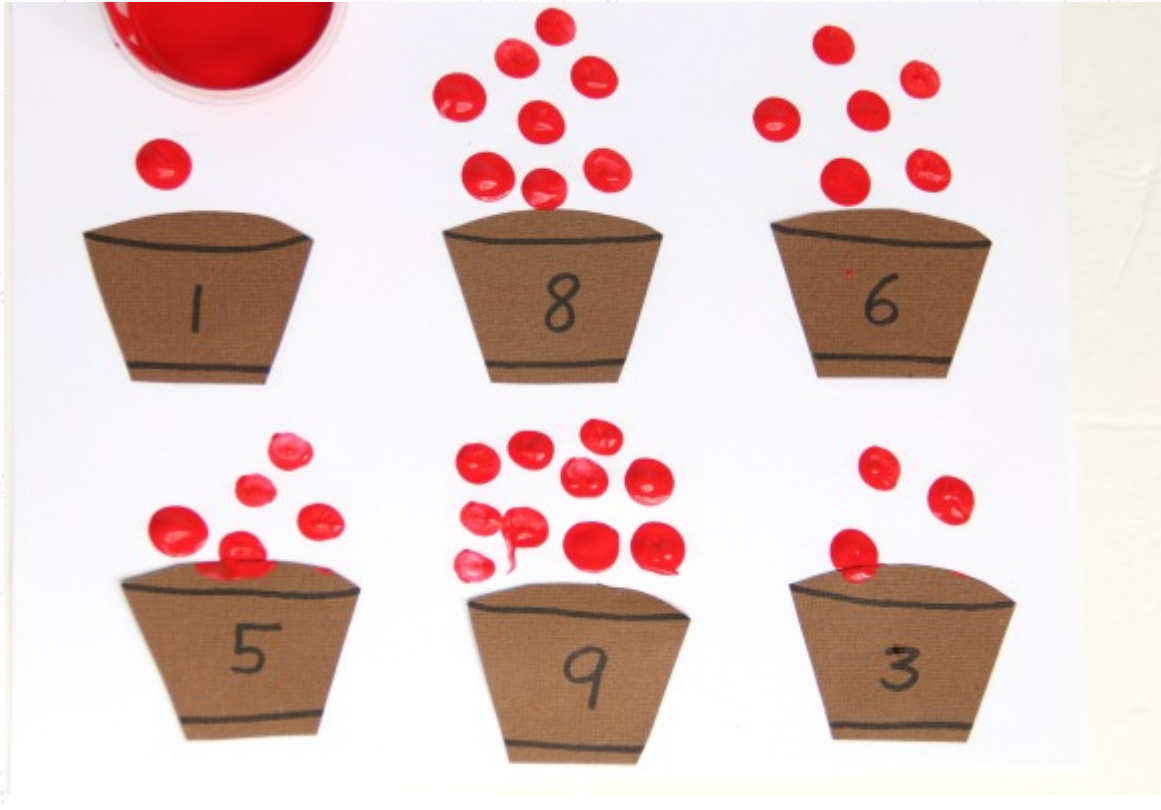
Candy Corn Comparisons

Name: _____ Date: _____

Directions: Roll a dice to create unique decimals. Use your candy corn to compare the decimals.

1. 2 6 2			5 5
1. 3 4 2			1. 2 4 1
0. 1 2 3			4. 5 6 3
_____			

Teaching to Inspire
WITH JENNIFER FINDLEY



A collection of six brown paper cups arranged in two rows of three. Each cup has a number written on it and contains a certain number of red candies. The cups and their contents are:

- Top row: Cup 1 (1 candy), Cup 8 (8 candies), Cup 6 (6 candies)
- Bottom row: Cup 5 (5 candies), Cup 9 (9 candies), Cup 3 (3 candies)

FACT PRACTICE GAMES OF THE SEASON



Tic-Tac-Toe with Match Facts.pdf



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943.9 KB



Multiplication Fact Football.pdf

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336.7 KB



Connect 4 Math Fact Practice.pdf

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1.7 MB



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