

Math Monday

April 20th, 2020

Learning about numbers is the first step toward becoming an expert at math. And in kindergarten, learning math is all about counting, number recognition, and one-to-one correspondence. If your child doesn't master these skills, don't fret. Even math whizzes need time to bloom! Hopefully with these activities and the learning they have already accomplished at school so far, helping your child to master these math milestones will be as easy as 1, 2, 3!

Warm Up

Count and Sing Along to this song by Jack Hartman to practice counting to 20.

<https://youtu.be/MVzXKfr6e>

Math Tablet Time

Down time is never a bad thing, especially when it is educational. Here is a link to Kindergarten math games. You will have to log in as a parent and then your child will be able to explore and play. The site is filled with games that touch base on all the strands of math that we teach to in the Full Day Kindergarten Program.

- ✓ Number Sense and Numeration
- ✓ Measurement
- ✓ Geometry and Spatial Sense
- ✓ Patterning
- ✓ Data Management and Probability

https://www.education.com/games/kindergarten/math/?gclid=EAlaIQobChMIb2h77LW6AIVDSsMCh05RQkHEAEYASAAEgJpS_D_BwE



Cook and Count in the Kitchen

Talking about math while cooking together can increase the likelihood that your child will talk and think about numbers on their own. Here are some fun recipes and tips to engage you and your child around math while cooking:

RECIPE WITH MATH COOKING TIPS

Fruit Smoothie

Ingredients

- 1 cup cranberry juice.
- 1 cup milk or non-dairy milk alternatives.
- 1 cup frozen blueberries.
- 1 cup frozen strawberries.
- 2 tablespoons honey.

Materials

- Blender.
- 1-cup measuring cup.

Directions

1. Mix all ingredients into the blender for **one** minute at high speed until smooth and frothy. Add more juice for a thinner consistency and use less juice for a thicker consistency.
2. Spoon or pour into individual serving cups.



Math Tips

- ★ When counting, it helps your child to point to the objects as they say the numbers!
- ★ Count the blueberries or strawberries **one** by **one** when adding them to the measuring cup.
- ★ After your child counts, ask, "How many are there in all?"
- ★ "Do you need more blueberries or more strawberries to fill a **1**-cup measuring cup?"
- ★ **Extra Challenge:** Practice addition! Make a pile of **two** blueberries and a pile of **three** blueberries. Ask your child, "How many blueberries are there all together?"

Adapted from:
<http://www.gaiam.com/blogs/discover/5-delicious-healthy-and-easy-to-make-dairy-free-smoothie-recipes>

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Personal Pizzas

Ingredients

- Enough English muffins or sub rolls for your family.
- Pizza or spaghetti sauce.
- Shredded mozzarella cheese.
- Your favorite pizza toppings, such as pepperoni, black olives, Canadian bacon, canned pineapple, bell pepper, and/or mushrooms.

Materials

- Baking sheet.
- Spoon.
- Butter knife.

Directions

1. Preheat oven or toaster oven to **375 ° F**.
2. Use butter knife to cut **English muffin** (or sub rolls) in half and place the muffins cut side up on a baking sheet.
3. Spread **two** spoonfuls of **pizza or spaghetti sauce** onto each of the muffins.
4. Top each muffin with cheese and your favorite **pizza toppings**.
5. Bake for **10** minutes in preheated oven or until the cheese is melted and browned on the edge.



Math Tips

- ★ "How many English muffins do we need so everyone in our family can have **one**?"
- ★ Have your child count as they add **two** spoonfuls of sauce to each of the muffins.
- ★ "How many pieces of pepperoni are on this pizza? If we add **one** more pepperoni, how many will we have?"
- ★ Ask your child to point at each object as they count.
- ★ **Extra Challenge:**
A matching game! Add toppings to one of the muffins and then ask your child to put the same number of toppings on a different muffin. For example, maybe you added **two** pepperonis and **five** black olives to one muffin. Support your child in putting the same number of pepperonis and black olives on a different muffin.

Adapted from:
<http://allrecipes.com/recipe/86649/fast-english-muffin-pizzas/>

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Pancakes

Ingredients

- 1 cup all-purpose flour.
- 2 tablespoons white sugar.
- 2 teaspoons baking powder.
- 1 teaspoon salt.
- 1 egg.
- 1 cup milk.
- 2 tablespoons vegetable oil for batter.
- Cooking spray or oil for griddle or frying pan.
- Mix-ins of your choice (about 1 cup total): blueberries, chocolate chips, sliced bananas, or other favorites.

Materials

- 1-cup measuring cup.
- $\frac{1}{4}$ -cup measuring cup.
- 1 griddle or frying pan.

Directions

1. If you are using berries as one of your mix-ins, wash them in the sink.
2. Beat the egg with a fork in a small bowl.
3. In a large bowl, mix together flour, sugar, baking powder, and salt.
4. Pour in the milk, egg, and oil. Mix until smooth.
5. Add the mix-ins to the bowl and stir gently until they are evenly distributed.
6. Lightly oil the griddle or frying pan using cooking spray or oil. Heat over medium high heat.
7. Pour or scoop the batter onto the pan, using about $\frac{1}{4}$ -cup for each pancake.
8. Allow pancakes to cook on one side until air bubbles start to form around the edges.
9. Flip pancake using spatula. Cook until second side is golden brown.



Math Tips

- ★ Before you begin ask your child to count how many ingredients are on the counter.
- ★ Ask your child to make small groups of mix-ins: "Count out **six** blueberries."
- ★ After your child counts, ask, "How many chocolate chips are there in all?"
- ★ Practice subtraction: "If we take away **one** chocolate chip and eat it, how many are left?"
- ★ **Extra Challenge:** Play a guessing game! Once the pancakes are all on a plate, have your child guess how many you made. Count them together to see if their guess was correct.

Adapted from:
<http://allrecipes.com/recipe/45396/easy-pancakes/>

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Count in your Home

Count the items in your home. For instance ask your child, “I wonder how many chairs are around the table in this room? How many chairs are in this whole house?”

Count windows, lights switches, lamps or beds. Try to record “How many” by using a combination of numbers and pictures in a chart. Take a picture so you can share your findings with us!

Windows	Beds	Light Switches
✓	✓	✓
✓	✓	✓
✓		✓
✓		✓
✓		✓
		✓
Total = 5	Total = 2	Total = 6

Number Line Run

Outdoors is also a great place to do some counting practice.

To set up the game draw a line down the sidewalk with chalk and then marked off the numbers from 0 to 20. First you can have your child practiced walking the line and counting the numbers.

When they get bored with that you can call out numbers and see how fast they can run to find them. It's a good way to get some exercise and practice those tricky numbers!

