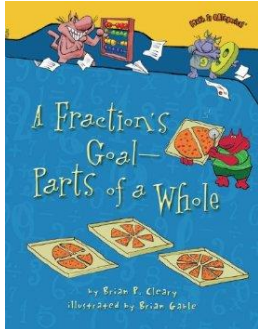


Waffle Fractions

****Before beginning this lesson, please ask if any children are allergic to wheat.****

Featured Resource:



A Fraction's Goal - parts of a whole,
by Brian Cleary
j513.26 C580f

Tools and Materials:

1. Frozen Waffles
2. Blueberries (fresh or frozen)
3. paper plates
4. dixie cups
5. hand sanitizer
6. Toaster or toaster oven in staff kitchen.
7. Sanitizing wipes
8. Felt board and Fractions manipulatives*
9. Water or milk and cups for drinking

*optional

Audience: This activity is designed for school age children. It will probably work best for kids in 2nd-5th grade but you should invite all the children to participate and contribute at their own level.

Prep:

1. Toast the waffles in the staff kitchen and place each on a paper plate.
2. Use the sanitizing wipes to clean any tables you will use for the activity.
3. For each participant fill one dixie cup with blueberries.

Waffle Fractions

Activity:

1. Begin by talking about fractions.
 - Fractions are something we use to break up something that is whole into smaller equal pieces.
 - If you have one cookie but want to share it evenly with your best friend you would break it down the middle.
 - now you each have one half
 - If your sister came along and you broke your half of the cookie down the middle to share with her than you'd have $\frac{1}{2}$ of your $\frac{1}{2}$ which is really $\frac{1}{4}$ of the whole cookie.
 - Use the felt board and manipulatives if you have them, if not you can use a chalk board or white board to illustrate the fractions.
 - Ask the children to identify some things from their every-day lives that are divided into equal pieces. Demonstrate with the felt board and manipulatives.
 - Pizza
 - Orange Slices
 - Months in a year
2. Read *A Fractions Goal- parts of a whole*, by Brian Cleary.
3. Have the children sanitize or wash their hands
4. Give each child a plate with a waffle and a cup of blueberries.
5. Have the children count the squares in their waffle.
6. Have them cover half of their waffles in blueberries
7. Then have them cover $\frac{1}{4}$ of the waffle by taking away half of the blueberries, etc.
8. Ask them to experiment with other fractions ($\frac{1}{8}$) and have fun! (They could make faces on their waffles and count how many spaces they used out of the total number of spaces, etc).