

# Home Connections

## Math Activities

### Grade 1

#### Data Management and Probability

Creating A Graph At Home

Certain, Likely, Unlikely, Impossible

# Creating a Graph at Home

1. Have your child pick one of the following sets to work with.

Set A: Forks, Knives, and Spoons

Set B: Mugs, Plates, and Bowls

Set C: Pens, Pencils, and Erasers

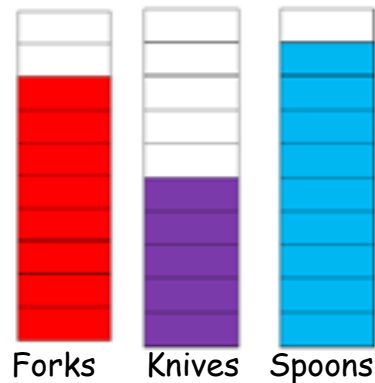
Set D: Shoes, Socks, and Boots

2. Help your child find the items in your home from the set they chose.

3. Have your child count the number of each of the items.

4. Have your child create a graph.

Example: Amount of Cutlery in our Home



Graphs are a visual to help compare quantities.

## Let's Talk About It

- How does your graph show what you have the most of?
- How does your graph show what you have the least of?
- How would your graph look if you had the same number of each?

# Creating a Graph at Home



**Title:** \_\_\_\_\_




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# Certain, Likely, Unlikely, Impossible

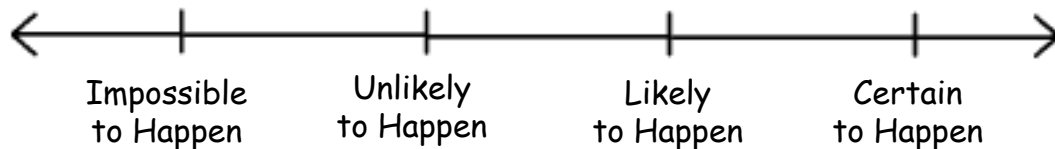
1. Talk about possible events in your child's life.
2. Discuss whether it will certainly happen, likely happen, or unlikely happen.
3. Talk about events that are impossible to happen right now in your child's life.

Here are some examples:

Certain to Happen: You will go to sleep.

Likely to Happen: You will go outside this week.

Unlikely to Happen: We will fly around the park.



Probability provides a basis for making predictions.

## Let's Talk About It

- Are there events that are unlikely to happen now but are more than likely to happen when you are older? Why do you think that is?
- Are there events that do happen right now that will unlikely happen when you are older? Why do you think that is?