



Let's Be Math Explorers

Math is all around us!

Spend some time with your child collecting DATA (information) about car colors in the neighborhood.

Next time we go out let's...	Share about the DATA you and your child collected.
<p>count how many blue cars and black cars we see.</p>	<p>How many cars of each color did you and your child see?</p> <p>BLUE: _____</p> <p>BLACK: _____</p>
<p>find a way to visually represent how many cars of each color we saw.</p> <div data-bbox="139 1367 415 1761" data-label="Figure"> <p>The figure shows three ways to represent data. The first is a tally chart with 4 vertical lines for 'BLUE' and 6 vertical lines for 'BLACK'. The second is a dot plot with 4 blue dots for 'BLUE' and 6 black dots for 'BLACK'. The third is a bar graph with a horizontal axis labeled 1 to 6. The blue bar extends to 4 and the black bar extends to 6.</p> </div> <p>Example</p> <p><i>If you had counted 4 blue cars and 6 black cars, you could pick one of these ways to represent it.</i></p>	<p>Show a way to visually represent the number of cars of each color you and your child saw.</p>

Did you and your child enjoy the activities on this page? Circle one:







Let's Talk About SORTING and DATA

DATA is information that helps us make decisions or solve problems. For example, when buying a car, you may want to collect data about the price of different cars, number of seats, gas mileage, etc.

Spend 5-10 minutes telling your child about how you use SORTING and DATA at home or at work.

I'll tell you about a time when I (the grown up)...	Write a few words to log the examples you shared with your child.
<p>sorted objects by category.</p>  <p>Example <i>Sorted silverware by shape and size in the drawer</i></p>	<p>What did you sort and what categories did you sort into?</p>
<p>looked up DATA (information) to help make a decision at home or at work.</p>  <p>Example <i>FOUND OUT how many people were coming to the party to DECIDE how many plates, napkins, drinks, and food to buy.</i></p>	<p>What decision were you trying to make and what information did you collect?</p>

Did you and your child enjoy the activities on this page? Circle one:



Sort the Pom Poms by Color

With your child, sort the pom poms by COLOR. Then count the pom poms in each group and compare how many of each color.

RED

How many red?

BLUE

How many blue?

GREEN

How many green?

YELLOW

How many yellow?

PINK

How many pink?

TALK TIPS

As your child sorts the pom poms, ask questions and find out:

- Where should this pom pom go? How do you know?
- In what pile do we have the most pom poms? And the least?

Sort the Pom Poms by Size

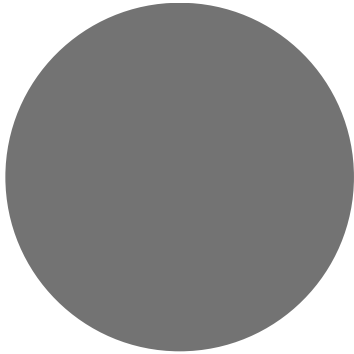
CONVERSATIONS ABOUT MATH help grow children's math skills.

As your child sorts the pom poms according to SIZE, ask questions and make comments.

TALK TIPS

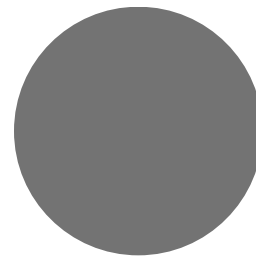
- Where should this pom pom go? How do you know?
- Which size do we have the most of?
- How many pom poms do we have that are both big and yellow?

BIGGEST



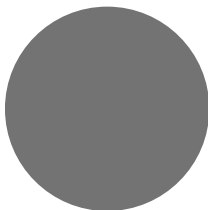
How many pom poms do we have of the **BIGGEST** size?

BIG



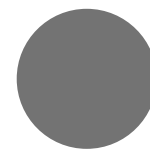
How many pom poms are **BIG**?

SMALL



How many pom poms are **SMALL**?

SMALLEST



How many pom poms do we have of the **SMALLEST** size?