

Data Task Cards

People Graph

Create a people graph by having children stand in rows based on data collected on them. For example make a people graph using the color of hair. All the brown haired people would stand in a row and all the blonde haired people would stand in a different row.

Fruit Graph

Make a picture graph using pictures of favorite fruit. Have each child bring in their favorite fruit. Make a real graph. Then have each child draw a picture of the fruit and glue the pictures on a chart paper to make a picture graph. At the end of the activity make a large fruit salad.

Icecream Bar Graph

Let each child taste three different flavors of ice cream. bars Then on a chart paper list the three different flavors and have boxes above each flavor. Let each child color in a box for their favorite flavor. When the data is collected it will make a bar graph.

Tally Rally

Practice making and reading tally marks by rolling a die and marking with tallies each roll. As you continue to roll the die add tally marks onto the tallies already recorded. For example if you rolled a 3 you would draw 3 tallies (|||). Then if you rolled a 4 you would record 4 more tallies remembering to cross the 5, like this (|||| i). Continue playing the same way.

Animal Data

On the computer look up different statistics about animals. Practice reading any graphs or tables you can find on the animals. Talk about how the graphs, tables, and other data tells us information about the animals.

Attribute Sorting

Choose one specific attribute, like color, to sort objects. Using math manipulatives or household objects sort the group by the specified attribute. After sorting try changing the attribute and sort the group of objects a different way.

How did I sort?

Show your child a group of objects that has already been sorted. Ask how did I sort these objects? Your child will look at the groups and decide what attribute was used to sort the objects.

Venn Diagram

Make two circles out of yarn. In one circle put objects with one attribute for example size. In the second circle put objects with a different attribute for example color. When you come to an object that has the size and color specified join the two circles to make a Venn Diagram and place the object in the middle for the size and color.

Likely or Not

Give your child different scenarios and discuss if the situation is likely to happen or unlikely to happen. For example, getting tired and going to bed tonight. This is likely to happen. Or...Receiving a pony for your birthday. This is unlikely to happen.