Family Math Engagement
Grab & Go: Data Interpretation

This activity would be
best used by:

☐ Schools ☑ Families

Materials:
- this activity does not require materials

Steps:
1. Look for opportunities to interpret data with your child.
2. Example: Watch the weather report and talk about the presentation of temperature with charts and graphs. Talk with the children about how to read temperature and how the different temperatures/weather will affect them. (clothes, inside/outside) (i.e., lower temperatures mean cold, so warmer clothes)
3. Example: Watch a ball game (baseball, basketball, football, etc.). Talk about the statistical summary data of the game (points, yards, percentages, etc.). (i.e., A football quarterback made 23/52 complete passes means that he threw a total of 52 passes, but only 23 were caught and completed. His passing percentage is a little less than half.)
4. Example: While eating at a restaurant, discuss the data on a receipt and the calculation of the tip. (i.e., The receipt shows the items purchased and their individual costs. There is a subtotal, which is found by adding up all the individual costs. There is a tax line, which is calculated by multiplying our tax rate with the subtotal. Then there might be some discounts/coupons. Discuss the process of finding the total by adding the subtotal with the tax and subtracting the discounts.)
5. Example: While driving in a car, discuss the data of miles and time. (i.e., On the interstate, the speed might be 60mph. Discuss what that means; for every hour driven, we will drive approximately 60 miles. When you see a mileage sign such as Shreveport: 80 miles, discuss with the children that it will take over an hour to arrive in Shreveport.)
6. Example: While looking at social media, if you see a chart/graph, talk with the children about the variables in the chart, how the data was collected, and what the data means.

Lagniappe:
- Data exists in everyday life that must be interpreted.
- Create a chart of your own by polling your family and friends on their favorite ice cream flavors. Chart how many people like each flavor.