This lesson has a fun, interactive game component to assist in teaching first graders in learning about collecting and interpreting data.

(CCSS.MATH.CONTENT.1.MD.C.4) Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

- Dice (1 for each child)
- Copies of graph (included)
- Crayons

Bring students together and brainstorm different kinds of ice cream. Make a list of the favors mentioned. Ask each student to name their favorite favor of ice cream. Record this on a list that students can see.

1. Use the data you collected about ice cream favors to create a bar graph, labeling it accordingly.

As a formative assessment, have students complete the following exit ticket. First, have students switch graphs with their neighbor.