

SCHOOL to HOME Connections

Chapter 13 Bar Graphs and Line Plots

Dear Family,

In this chapter, your child will learn how to use bar graphs and line plots to organize data.

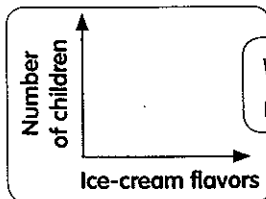
Some of the skills your child will practice are:

- making bar graphs with scales
- reading and interpreting data from bar graphs
- making a line plot to represent data

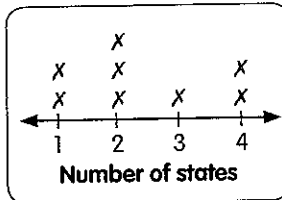
Activity

Surveys are everywhere! You can find survey results when you turn on the television, or flip open a newspaper or magazine. Conduct a survey with your child and help him or her to present the results using a bar graph or a line plot.

- Have your child say what he or she would like to do a survey on. Possibilities include a survey on your child's friends' favorite ice-cream flavor or the number of states they have visited.
- Then have your child conduct the survey and tally all the responses.
- Finally, help your child present the results in a bar graph or line plot.



What should my title be?



Vocabulary to Practice

In drawings, a **vertical** line is one that goes in the top to bottom direction of the page.

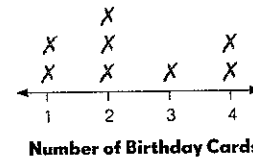
In drawings, a **horizontal** line is one that goes across the page.

An **axis** is a grid line that can be either vertical or horizontal.

The **scale** is the numbers that run along the vertical or horizontal axis of a graph.

A **line plot** is a diagram that uses a number line to show how often an event happens.

Number of Birthday Cards Received



A **survey** is a method of collecting information or data.