

Session 5



PROBLEMS & INVESTIGATIONS

Using Displays to See the Shape of the Data

Overview

Each small group makes a brief presentation explaining the display they created in Sessions 3 and 4. Then, students visit the displays in pairs and use them to answer questions about the data. Finally, they meet as a whole group to discuss the advantages of the various types of displays.

Actions

- 1 Student groups briefly present their wingspan displays to the class.
 - 2 The class reviews the questions about the data.
 - 3 Student pairs visit the displays to answer the questions.
 - 4 Students share their answers as a class and discuss how different displays allowed them to see the shape of the data and answer the questions.
- ★ clipboards (if available)

Presenting Wingspan Displays to Classmates

Begin today's session by explaining that each group will have a minute or two to present their display to the class. Because these presentations need to be so brief, structure them by asking each team to do the following:

- Identify whether they have made a graph, table, chart, etc.
- Explain why they chose that particular display format.
- Identify the two features of their display of which they are the most proud.

After you have set the parameters, have teams meet to briefly plan their comments and then convene the class to listen to one another's presentations.

Reviewing Statistics Questions

After students have had a chance to present their displays, display the Shorebird Questions overhead and briefly review the questions. Use the Word Resource Cards to reinforce help review the meanings of the terms *median*,

Skills & Concepts

- ★ reading and interpreting a variety of graphs
- ★ identifying landmarks in a data set (median, mode, range)
- ★ identifying or describing a situation that may be modeled by a given graph

You'll need

- ★ Shorebirds Questions (Overhead 8.1)
- ★ Shorebirds Questions, pages 1 and 2 (Bridges Student Book, pages 176 and 177)
- ★ Word Resource Cards (gap, median, mode, range)
- ★ students' wingspan data displays posted around the classroom