

Sticky Note Graphs

Purpose

Students will develop an understanding of various methods to record, represent, and compare data.

Materials

For each student: 2 square sticky notes, crayons

Activity

A. Partner Activity

1. Divide students into groups of two.
2. Have students identify the color of their partner's eyes.

B. Student Activity

1. Ask the class to tell you the different eye colors of people in the room.
2. Have students with specific eye colors go to a specified area in the classroom.
3. Make a tally chart on the chalkboard representing the number of students for each eye color. Leave space between rows for students to post their sticky notes later.
4. Give students a few sticky notes and have them return to their seats.
5. Have each student draw their eyes with the correct color of crayon on a sticky note.
6. Instruct students to add their eye pictures to the section of the chalkboard labeled with the corresponding color word under the tally marks.

C. Discussion

1. Arrange the sticky notes, in each color category, in a column so that they resemble a bar graph.
2. As a class, compare the sticky notes to the tally marks.
3. Divide into groups and have students create a method for representing the data collected. Instruct them to choose a way to show which eye color is most common, second most common, least common, etc.

(continued)



INCORPORATING **TECHNOLOGY**

Create a simple model table on the computer. Have students enter data representing various characteristics of the class and print it out.



EXTENDING THE **ACTIVITY**

Have students represent other data such as hair color, gender, favorite animal, etc., using this same method. Introduce bar graphs as a representation of data.

Standards Links
2.6.1, 2.6.3

Activity (continued)

4. Review the different data representations as a class and discuss the various methods used.

Questions for Review

Basic Concepts and Processes

After students have completed their data representations, discuss the following questions with them to gauge their understanding of the Standard Indicator:



Which eye color did you decide was the most common?



How does your representation show that is the most common eye color?



Which eye color did you decide was the least common?



How does your representation show that is the least common eye color?



Explain your representation to me.
