

Survey and Statistics

What is Your
Favorite Subject?

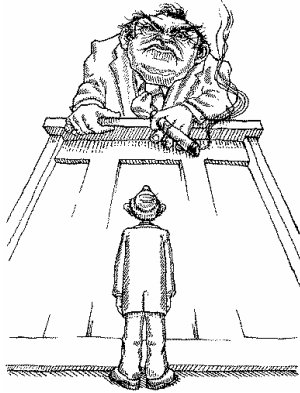
How Many
Different
Sports Do You
Play Well?

How Many
Times a Week
Do You Eat
Lunch?



By Nancy L. Wilkinson

Survey and Statistics
Lesson 7
Evaluating Graphs



Objectives:

Students will evaluate graphs

Materials Needed:

Some of the graphs from the almanac and other graphs from books, magazines and newspapers.

Opening Activity:

Ask the students what they think makes a graph easy to understand. Some possible answers might be neat and easy to read, a clear scale and proper titles.

Activity:

- 1) Place several graphs at each table.
- 2) Write the following questions on the board.
 - a) What is the title of our graph?
 - b) What scale did they use for the y-axis?
 - c) What did they include for the x-axis?
 - d) What other information is included in this graph?
 - e) How would you use the information from this graph?
 - f) Does the graph contain all of the parts of the graph?
 - g) Do you think this is a good graph? Why or why not?
- 3) Students should answer the questions for each graph on the table.

Closure:

Students should share their answers with the class. Each question can be used as a discussion starter.