

DATA ANALYSIS SURVEY PROJECT

In this project, you will choose a leading question from the following list:

1. How physically fit are today's junior high students?
2. What are the most important things in a 13-year old boy's or girl's life?
3. How does history affect you? (+5)
4. Will science be important to your future? (+5)
5. If you could vote for the President of the United States, what issues would be important to you? (+5)

Working in pairs, you will design a survey to collect any data needed to answer the question and then present your findings to the class.

Guidelines for the Project:

1. You must develop a survey with a minimum of 6 questions. These questions should cover all the most important aspects of your question. You must determine an appropriate sample size and randomly give the survey to that number of the population.

You must turn in a copy of your survey and a paragraph explaining how you determined your sample size and how you randomly chose those who took the survey.

2. You must take the data from this survey and display it using at least 5 of the following methods. Use one method for each survey question. At least 3 of your graphs must be done by hand; the other graphs may be computer generated if you wish.

Line Plot
Box and Whisker Plot
Stem and Leaf Diagram
Line Graph
Circle Graph
Bar Graph
Histogram
Frequency Table

3. Your group must present your findings in front of the class using your data graphs, diagrams, or tables.
4. You will be graded on your survey, paragraph, data displays, and presentation.

PROJECT DUE OCTOBER 23 & 24