

Statistics Project

Measures of Central Tendency (25 Points)

- Students will calculate the mean, mode, median, range, first quartile, third quartile, and interquartile range.
 - Each calculation is worth 3 points each.
 - The additional 4 points will be earned by gathering at 10-15 data points used when calculating the data.

Graphical Representation (25 Points)

- Students will create a graphical representation of the data using a circle graph, bar graph, box-and-whisker plot, or line graph.
 - Graph must be properly labeled (Title, x- and y-axis, statistical data points) in order to clearly depict the data.

Questions (35 Points)

- Students must create two questions that can be answered by reading the graph they created. (10 points)
- Students must answer their classmates question on a separate paper. (25 Points)

Aesthetics (15 Points)

- Project should be aesthetically pleasing.
 - Information neatly and clearly depicted on poster board.
 - Effective use of color to differentiate the components of the project.
- Students will be provided materials in class.

Total = 100 Points