Collecting Data to Solve a Problem Mini-Project

Your Task:

- Determine a survey question (Max. of 2 students per topic)
    - Yearbooks in DVD Format
    - Voting Age for Presidential Elections
    - School Uniforms
    - Fast Food in School
    - Leggings in School
- Choose your survey rating scale (if necessary).

5	4	3	2	1
Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree

- Choose a group to survey.
    - You must survey your class AND at least 10 other people (teachers, paras, other 6th graders, etc.)
- Organize your data. How will you give your survey? How will you record your results?
- Conduct your survey and record the results.
- Record your compiled results in a frequency table.
- Create a display of the data on poster board using a straight edge (if necessary), pictures, colors, and your creativity!
- Analyze the Results (Neatly written or typed)
    - What are the mean, median, mode, and range of your data?
    - Use your display to describe the distribution of your data.
    - How would you summarize the opinions of those you surveyed? Include only those statements that are clearly supported by the data.
    - Based on your analysis, what course of action would you recommend to the group interested in your data?
    - What other factors might influence the results of your survey?

Suggestion: Conduct your survey TODAY during class and AP so you are able to begin the process of the project tomorrow.

You will be presenting your data and findings to the class on Friday, May 5th. Be prepared to share your poster board to the class. You will need to present your findings (not just show your board). Explain what you found from the results using mathematical concepts as well as why you chose the type of display that you did.

You will be graaded on the following: Survey Question, Execution of Survey, Frequency Table, Appropriate Display, Analysis, Neatness, Creativity, and Organization -- 30 points total.