

Date Received: **February 23, 2015**

Due Date: **March 13, 2015**

Project on Surveys (Fractions, Decimals, Percents, Circle Graphs, Percent of Change, Angle Measurement, Line of Best Fit Equation, Scatter Plots, Analyzing Data)

Objective: This project is designed to enhance your skills and knowledge of the concepts listed above.

Directions: You will create a Survey Questionnaire. You will survey people of all ages and races. Once the information is gathered you will create frequency tables, circle graphs, and scatter plots to display your data. Then you will write a 1 ½ - 3 page paper on what the data told you and the overall purpose of conducting surveys. Project must be displayed on a tri-fold poster board.

1. Create the Survey sheet

- Think of 5 survey questions. You must also state your purpose for asking the questions. What are you trying to find out? Write down your predictions (hypothesis).
- Questions that you must ask in addition to the 5 questions you think of are:
 1. What is your name?
 2. What is your age?
 3. What is your height?
 4. What is your weight?
 5. What is your shoe size?
- Get approval for your topic by Wednesday, February 25.
- Survey 20 people: students outside of your class, teachers, staff members, community members, etc. (use the Demographic sheet to collect data)
- **Each person that you survey must be a different age!**
- Create Frequency Table and then translate the information into a circle graph (They should both be very detailed.)

2. Show and Display all work in an organized form.

- Show all of your work, neat and orderly
- Compile all the work onto a nice, neat tri-fold display board! (make it business like)
- Display each survey question, frequency table, circle graph, and scatter plot.

3. Write a 1 ½ - 3 page paper on the findings. (Front side only)

- Introduction- discuss the purpose of survey, your feelings and predictions about your topic
- Write one paragraph on the findings of each of YOUR created survey questions. (5 paragraphs total)
- Conclusion- what do the graphs help you with, why use them, overall view.

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Criteria: *No excuses tolerated*

1. Follow the directions, ask for help if you need it. If you do not have materials, you need to ask me. I will provide what I have available, but I will not replace items repeatedly.
(You must discuss this with me by WEDNESDAY FEBRUARY 25, 2015)
2. The tri-fold poster board must be neat and clean. I will **not** take work that is wrinkled, wet, or damaged.
3. Messy, wrinkled, wet, damaged and/or sloppy work will not be graded! Write a neat as you can. Do not write on the back of paper!
4. If you do not understand the directions you must get clarity or understanding immediately. When you turn it in, the project will be graded as is!
5. You must show all of the work to get full credit for the project.

How the Project will be Graded-

Criteria	Points
The overall neatness of the project on Tri-fold Poster board	10 points
Survey Questions (Accurate information)	10 points
Graphs, Tables, Circle Graphs, and <u>showing all work</u> (Accurate information)	50 points
Written Paper on Survey	30 points
Total:	100 points