



Chemistry: Graphing Project

Our next topic focuses on creating charts and graphs from information gathered in an experiment. Your teams mission is to create a lesson for the class around one type of graph. Your team will present your lesson to the class as if you were the instructor.

Task Description

Class Presentation

Create a presentation that discusses and explains the important information about graphing. You may use any type of media, you are not limited to a slide presentation, poster, or set of notes. If you choose to do something unconventional, your team is responsible for making sure you can provide any necessary equipment, technology, etc., that you may need.

Info to Include in your Presentation

1. What kind of graph are you presenting? Show us some simple examples.
2. What kind of data is represented with your graph type? Give a few examples of when a bar graph would be used.
3. What are the key features of your graph? Be sure to identify how do determine independent and dependent variables by looking at your graph.

Graphic Display

Create a unique graph for your type, this should be large enough for the class to see from their seats. You may use the classroom ELMO and projector if necessary. If you choose to create a graph by hand and need poster board let me know. You may be as creative as you wish in making your display. You may for this project only create a fictional graph and create data for it.

Audience Participation

Create a set of five questions for the audience to answer using the graphic and presentation your team created. Present the questions to the group and check for correct answers from your classmates.



Grading Rubric

Graphing Project

100pts

	21-25pts	16-20pts	0-14pts
Class Presentation	Presentation covers all relevant information addressing the topic. Information is presented logically, and is easy to follow.	Presentation covers most of the relevant information addressing the topic. 1 or more key features are missing.	Presentation does not address relevant information. Project is lacking several key features.
Group Participation and Presentation Quality.	Every group member presents a portion of the project. Presentation is smooth and well-rehearsed and shows evidence of time spent practicing with group members.	Every group member presents a portion of the project. Presentation does not appear well rehearsed with all group members.	Not all members present. No evidence of practice and preparation to present.
Graphic Display	Display is easy to read from audience location. Graphic Information is neatly displayed and appropriately drawn.	Graph is difficult to read from audience, or is not constructed neatly.	Graph is difficult to read from audience, graph is sloppy. Little effort is evident in the display.
Audience Participation	All questions are relevant to the graph display or presentation. Answers given to students are correct.	1-2 questions are not relevant to the graph or display. Answers shared with students are incorrect or cannot be answered from presentation..	3 or more questions are not relevant to the graph or display. Answers shared with students are incorrect or cannot be answered from presentation.
Bonus 10 points	All group members are present and dress up for presentation day.		