

Science Project PowerPoint Presentation Rubric (17 slides minimum)

- **You must use the PowerPoint template on the class web page. This is the same template I emailed to everyone. No exceptions.**
- **Your PowerPoint must include a paragraph for each of the relevant articles you have read. You need four paragraphs with the MLA reference citations. If it is a web reference you must include the URL (web address). I will subtract five points for each missing cited paragraph.**

Title slides: Slide 1, your name, date & period number 2 points _____
Slide 2 - Title/ Research Question: (The effect of _____ on _____)

- *Do not combine these slides as they must be separate.* To receive credit both slides must be completed.

Introduction and Background (2 slides): 4 Pts. _____

- Fill in the important information from your research
- Fill in the rationale/importance of study/why is it relevant
- Fill in the purpose of this experiment is to determine.....
- Fill in: I predict that because*..... (* Based on your research)

Experimental Design Diagram (EDD) and Procedures Slides (two slides): 6 Pts. _____

- Complete the EDD on the slide. The slide has examples of the levels of the IV and trials. Replace these with your own information.
- Fill in the procedures and the materials and equipment on the Procedures slides

Data table (one slide): 6 Pts. _____

- Complete the data table on the slide. **You must use the format of the data table on the slide.** If you used this format in your report you may copy & paste it.
- The data table includes a title, includes all levels of the IV, and all trials of the DV. The table must include column headings that describe the IV, the DV and include units in parenthesis. The table must include an average for the trials for each level of the IV. Any calculated values (i.e., rate) must be included to the right of the average/ mean column. . Numbers must be neatly 'lined up.' **Units only appear in the column headings**

Analysis of data(one slide): 6 Pts. _____

- Insert your Graph of the results (you may copy & paste your graph on the slide)
- Insert a statement of analysis (The graph shows that.....)

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Insert three pictures (proof you did your experiment) (three slides minimum) 6 Pts. _____

- The first picture must be a picture **that shows you doing your experiment**. Fill the title box in that is below the picture.
- The 2nd & 3rd pictures are picture of your experiment only (no people in the pictures). Fill the title box in that is below the picture.

Conclusion (minimum 1 slide)

6 points _____

- State the purpose of your experiment,
- General statement of major findings (the thing you were trying to prove),
- Include measures of central tendency (mean, deviation, std. deviation) & trends and acknowledgment of instrument (measuring) error,
- Statement as to data supporting hypothesis, 'describe how the IV affected the DV "which indicates" ...state hypothesis'
- Acknowledge Systematic Error (errors due to the way you did the experiment)
- Gives logical scientific explanation for results
- Suggestions for further study or experiments

Works Cited (MLA) (minimum of 1 slides)

4 Pts. _____

- **Slide 1: List all the references that you used in your report. You must have a minimum of 4 articles and/ or reference book citing's. If you did not do this when you wrote your report, please do it now. You might need find some additional references you were lacking when you wrote your report. This might cause you to report more than 4 references on this slide. You will not be given credit for unverified references or multiple dictionary references.**

Paragraphs for each of the four reference articles you should have cited in your report (minimum of 4 slides):

10 Pts. _____

- **In your report you were supposed to write a paragraph on each of the relevant articles you read with a citation referring to the article. . If you did not do this when you wrote your report, please do it now. (2.5 points per slide on the template)**
- **Insert the first citation with the URL (web address) or the full MLA citation if the reference is a hard copy (a paper copy).**
- **Under the first citation insert the paragraph you wrote concerning this reference.**
 - The paragraph must have a minimum of four sentences well written sentences. If your four sentence do not adequately address your reference you will receive no credit an lose 5 points from your total score.
 - Do not use font smaller than 20 Calibri. You may use an additional slide if your paragraph exceeds one slide in length..
- **Insert the second citation with the URL (web address) or the full MLA citation if the reference is a hard copy (a paper copy).**
- **Under the second citation insert the paragraph you wrote concerning this reference.**
 - The paragraph must have a minimum of four sentences well written sentences. If your four sentence do not adequately address your reference you will receive no credit an lose 5 points from your total score.
 - Do not use font smaller than 20 Calibri. You may use an additional slide if your paragraph exceeds one slide in length.
- **Insert the third citation with the URL (web address) or the full MLA citation if the reference is a hard copy (a paper copy).**
- **Under the third citation insert the paragraph you wrote concerning this reference.**
 - The paragraph must have a minimum of four sentences well written sentences. If your four sentence do not adequately address your reference you will receive no credit an lose 5 points from your total score.
 - Do not use font smaller than 20 Calibri. You may use an additional slide if your paragraph exceeds one slide in length.
- **Insert the forth citation with the URL (web address) or the full MLA citation if the reference is a hard copy (a paper copy).**
- **Under the forth citation insert the paragraph you wrote concerning this reference.**
 - The paragraph must have a minimum of four sentences well written sentences. If your four sentence do not adequately address your reference you will receive no credit an lose 5 points from your total score.
 - Do not use font smaller than 20 Calibri. You may use an additional slide if your paragraph exceeds one slide in length.