

Science Projects Requirements & Timeline

These are the requirements and timeline for your Science Project

To prevent last-minute projects for your Science Project, we will have deadlines for the various phases of the Project. Remember, as per my Course Outline, you cannot get a grade of “A” or “B”, without a **CREDIBLE** Science Project.

Overall Requirements:

- Must be a minimum of seven pages long.
- There **MUST** be an experiment where data is gathered!
- At least three pages of research is required on an approved topic. The research should be comprehensive and representative.
- A bibliography of sources must be included. You must have a minimum of:
 - a) 2 Internet sites
 - b) 2 newspaper or Magazine/Journal articles
 - c) 3 different books or encyclopedias
- Must have diagrams and / or charts from any of the above sources.
- Must use 12 point Times New Roman font.

The Experiment:

The experiment will be related to the topic on which you are researching. You must have approval for your experiment. Stay away from the following: animals, drugs, alcohol, and use of tobacco products.

Your lab write-up must include the following:

Purpose or question

Hypothesis

Materials

Procedure

Results – Raw Data

Analysis – taking data and making comparisons in charts, graphs, etc.

Conclusions – AT LEAST ½ to 1 page.

EXTRA CREDIT – Turn in a poster board – Sample on my web site.

Science Project Guidelines

- ✓ Cover Page: (10 pts) Title / Question, Name, Date, Teacher, Class
- ✓ Hypothesis: (10 pts) An educated guess, regarding your question
- ✓ Abstract: (10 pts) Summary of what you wanted to find and what you found; should be about 1-2 paragraphs (300-500 words)
- ✓ Materials: (10 pts) List of all the materials used in your experiment.
- ✓ Procedure: (25 pts) Step by step procedure to explain how you did your experiment. It needs to be enough information so that someone else could repeat your experiment just by reading the procedure.
- ✓ Data Collection / Results: (10 pts) Organize your data in any form of graphs, charts, tables, etc. Label all of them (figure 1, figure 2, etc.) be sure to also label what the “X” and “Y” axis represent.
- ✓ Conclusion: (10 pts) Summarize your findings; mention possible errors, and address purpose and hypothesis. Be thorough, but don't babble!
- ✓ Background Research: (25 pts) This is the final draft of your research that is written about the topic / question. Minimum three pages.
- ✓ Bibliography: (10) All sources used; Books, Magazines, Newspapers, Internet, Encyclopedias, etc.

EACH Bullet Should Start a New Page!

Pictures can help clarify your experiment and make it look professional!

Due Dates:

Research Topic & Problem :	October 10 th
Seven Sources:	October 24 th
Materials and Procedures:	November 9 th
Rough Draft of Research Paper:	November 21 st
Rough draft of Data Collected:	December 7 th
Final Completed Project:	December 18 th