

Lab Report Guidelines
Teacher: Ms. Ramirez

"How to Write a Lab Report"

Cover Page:

1. School name (top of the page)
2. Title and number of lab (centered)
3. Picture or Diagram related to experiment
4. Towards the end your name, teacher's name, date, class, and period

Introduction:

1. Why are you doing this experiment? What will you learn?
2. What is already known about the topic? (Background information)
3. Include your own hypothesis
4. Must be written in paragraph form (Justified preferably)

Materials:

1. Write materials will you use to carry out the experiment
2. Must be listed in vertical form

Procedures:

1. Write step by step how you performed the experiment.
2. Must be written in past tense.
3. Must be numbered or listed.
4. Must be written in complete sentences.

Results/data: (Drawings and Diagrams)

1. What did you observe? What results did you obtain?
2. All diagrams must be labeled completely and reflect what is to be learned.
3. Graphs/tables/charts must neatly and accurately present data.

Analysis:

1. What did you find out about the data collected?
2. Answer analysis questions in complete sentences.

Conclusion:

1. Give a brief recap of your questions and hypothesis
2. Was your hypothesis correct?
4. Were there any difficulties with the experiment? Are there any reasons to disbelieve your results? How could you improve the experiment?
5. Research the lab completed includes any interesting or controversial facts. (*Paragraph, must do some research*)
6. What did you learn from doing the experiment? Be specific and detailed.
7. MUST be written in paragraph form. (Justified preferably)

References:

1. Cite references used including the website used for this activity, citationmachine.net