Title of the Lab

Purpose

- What is the reason for doing the lab?

Hypothesis

- What is your scientific claim that is a result of the lab?

Materials

- What materials are you going to need to complete the lab
- Usually in the form of a list

Procedure

- Step by step instructions on how to physically do the lab
- Usually in the form of a numbered list

Data Table

- Prewritten tables that allow you to quickly enter the data during the lab

Observations

- Using your 5 senses, what did you notice during the lab?
- Usually 3 observations will be enough. Sometimes more will be needed.

Calculations

- Mathematical equations that allow you to complete the data table for each trial
- **Work must be shown** with numbers that were recorded in the data table
- If there are multiple trials you need to tell me which trial it is then complete ALL the calculations for that trial

Questions

- Answers to questions that were provided during either in the book, during the lab, or by the teacher
- ALL answers should be in COMPLETE SENTENCES and answered to the best of your ability
- IT IS OK IF YOU DO NOT KNOW THE ANSWER TO THE QUESTIONS!!! TRY TO ANSWER THEM ANYWAY

CONCLUSION

- AT LEAST 3 - 5 paragraphs long
  - First paragraph
    - A summary of what you did during the lab
    - A summary of the data in the lab
  - Second paragraph
    - What is your reasoning for your hypothesis or your scientific claim? What evidence (from the data) do you have to back it up?
  - Third paragraph
    - Did you accomplish your purpose? How do you know?
  - Fourth paragraph
    - What did you learn during the lab? Explain it.
- The conclusion should be in paragraph form in which you complete ALL components