

Science Lab Report Format

Group Members Names

(student writing report

must place name first in list)

Date

Title

Purpose:

- State the reason for doing the experiment and specifically what you are hoping to discover.
- Use one of the following:
 - To determine.....
 - To discover.....
 - To investigate.....
 - To observe.....

Hypothesis:

- Give an educated guess on the outcome of your lab experiment. If, then statement.

Procedure:

- Write a brief description of what you did in lab
- Be concise, with a maximum of 10 lines
- Always use past tense, passive voice, and full sentences
- May include diagrams

Results/Analysis: Listed below are the different forms of displaying results. The textbook will give the form that you will use in the experiment.

Observations:

- Describe what was observed/measured during the experiment
Ex. In Chemistry that includes a description of chemical before, during and after the reaction

Date Tables:

- A table always has borders and grid lines

Graphs:

- Must be on graph paper

Calculations:

- A representative sample of each calculation
- Include units

Conclusion:

- Answer the purpose in a concise manner
- Make sure to give a brief summary of your experiment
- State the outcome of your experiment and was your hypothesis correct or incorrect.
- The conclusion should briefly summarize your data
Ex. The boiling point of ethanol was found to be 76C. The accepted value is 78.4C.

Questions:

- All answers must be in full sentences

General Information: Not part of the LAB Report

- A lab report is a finished product, not a draft
- Lab report **must** be handed in on due date, at the beginning of class
- **Late reports will be deducted points for every day not handed in to the teacher**
- a ruler must be used for all straight lines
- lab reports must be in ink, with graph lines and diagrams in pencil