

Lab Report Writeups

Each lab **must** include the following:

Title Section

- descriptive experiment title
- the names of ALL group members, with the author underlined.
- date, course code, instructor

Purpose

- What is the point of this experiment?
- Why did we do it?
- What are we trying to find out?

Procedure

- Make a summary of the procedure in your own words
- Don't just copy the procedure
- What were the major steps you did? (eg. Tested solubility in water for....)

Results

- includes any data you collected during the experiment as well as any tables, graphs, or calculations you made.
- Be precise with quantities (amounts & units) and descriptions
- Any graphs must be properly labeled, with titles, scales, axes

Eg. Trial #1	Mass (g)	Time (s)	Acceleration (m/s ²)
1	250	30	9.04
2	400	40	9.36

Discussion

- This is the most important part of any lab
- What did you find out in the experiments? Were your results expected? Why/why not?
- What did you learn?
- How does this lab fit in with the class work?
- Answer any questions included with the lab, to guide your discussion. (Not as separate numbered answers)
- Did you make mistakes? What could you have done better?
- How are your results applicable to technology/daily life/the world?
- What are some ideas for future experiments that arise from your lab?

Conclusion

- This is a summary statement of your key results.
- Refer back to the purpose and indicate if it was accomplished.