

PHYSICS LAB REPORT FORMAT



TITLE: Title of the lab
(Include a title page for formal lab reports)

PURPOSE: 1 to 2 sentences describing the purpose of the lab.

HYPOTHESIS: 1 to 2 sentences describing the predicted results of the lab.

MATERIALS: List all the materials that were used in the lab.

PROCEDURE: Write a list of directions in complete sentences.

- The directions should describe detailed steps to complete the lab. This includes procedural and computational directions.
- A person reading this section should be able to repeat the lab exactly the same way.

DATA AND CALCULATIONS: Show results in tables, graphs, and calculations.

- Be sure to label tables and graphs, and show all of your work for calculations.

CONCLUSION: Write a paragraph in RSVCP format that describes the results of the lab.

- Restate the purpose of the lab.
- Verify conclusion by providing 3 or more results. This should include all numerical findings and their significance.
- Provide a counterclaim by addressing specific experimental error and suggest possible experimental improvements.
- Provide importance of the experimental process by providing a specific real-world application.