

Physics Lab Reports

Your lab report should contain the following sections:

- Title heading or page—Includes a title, date the experiment was performed, your name, your partner's name. (Using a title heading or page depends on the formality of the report.)
- Objective—Restates what you want to achieve in the experiment.
- Method—Describes the procedure you followed to perform the experiment. This section also includes necessary diagrams and sketches of any apparatus used.
- Data— All data should be neat and organized. For a formal report, type your data into a chart/table. Attach raw data that you collected during the lab at the end of the report. Informal labs and activities are not required to be typed.
- Calculations and graphs—When any calculations are required, all work must be shown. Label each calculation so I know what I'm looking at. If multiple trials or data are being calculated in the exact same manner, show all work for one problem, then create a table for the information for the rest of the calculations. Use good graphing techniques for all graphs. If including error analysis in the conclusion, include work here.
- Conclusion—One or more paragraphs in which you summarize your results and interpret the significance. If possible, include error calculations and a discussion of possible sources of error (NOT human error). Suggest improvements to the experiment.