

HOW TO WRITE A SCIENCE LAB PAPER TEMPLATE

Lab reports are an essential part of all laboratory courses and a significant part of your grade. Here's a format for a lab report to use.

Chicago: University of Chicago Press, In a solubility experiment, for example, your hypothesis might talk about the relationship between temperature and the rate of solubility, but the purpose is probably to learn more about some specific scientific principle underlying the process of solubility. Number and title your graphs. Acknowledge any anomalous data, or deviations from what you expected You need to take these exceptions and divergences into account, so that you qualify your conclusions sufficiently. Generally speaking, authors writing journal articles use the background for slightly different purposes than do students completing assignments. You will also be likely to write your paper according to APA style. To return to the examples regarding solubility, you could end by reflecting on what your work on solubility as a function of temperature tells us potentially about solubility in general. Title Page: This must indicate what the study is about. If you did pluck it out of thin air, your problems with your report will probably extend beyond using the appropriate format. References: The reference section is the list of all the sources cited in the essay in alphabetical order. Well, yes—but again, think beyond the classroom. The strength of a table lies in its ability to supply large amounts of exact data, whereas the strength of a figure is its dramatic illustration of important trends within the experiment. You don't want to keep repeating a mistake if you can avoid it from the start! It should be brief aim for ten words or less and describe the main point of the experiment or investigation. What should I do before drafting the lab report? First, a lab report is an orderly method of reporting the purpose, procedure, data, and outcome of an experiment. Date: This can be the date you did the experiment or the day you completed the report. For maximum effectiveness, limit yourself to three to five lines per graph; if you have more data to demonstrate, use a set of graphs to account for it, rather than trying to cram it all into a single figure. Title: This should accurately describe the experiment. Use double-line spacing of text, font size 12, and include page numbers. Day, RA. References If your research was based on someone else's work or if you cited facts that require documentation, then you should list these references. If you have been using websites then you may have a problem as they might not provide a reference section for you to copy. Why would we benefit from this knowledge?