

NAME:

DATE:

Period:

Physics Laboratory Report Rubric

In Physics, your 3rd year of study within the sciences, you are expected to produce a more in depth report of your activities in the lab. These will be infrequent, but thorough. Each subsection will be presented in paragraph form, not lists. Proper grammar and spelling are required. These should also be typed; 12pt font maximum, standard fonts (Cambria, Calibri, TNR) and NOT DOUBLE SPACED. If done properly it should not be shorter than 2 full pages.

Introduction (20%)

This section goes first, but should always be written last. Introduce the experiment, give it's history and purpose. You should also allude to the results of the experiment. 2 or 3 paragraphs are normal.

Materials and Methods (20%)

This is where you describe the tools and process of the experiment. This is also where you will be tempted to list things. Do not list things. Write them down in paragraph form: First this, then that, etc.

Results (20%)

This is the section where you write down the data collected. You will also include any necessary graphs, tables or diagrams. There will almost always be a graph table or diagram. You may wish to turn in hand drawn tables and graphs. This is okay, but refer to them here. Write down what the results were, but not much else. This section can have the least amount of writing.

Discussion (20%)

This is where you explain your results. Talk about what happened and why you got the results you did. Justify them if necessary. You may also wish to address what went right and what went wrong. You can also explain how you would do things differently next time. This in a sense is the conclusion as well.

Content and Correctness (20%)

This is where I will grade the actual outcome and the composition. If you discuss the results you obtained well, I will take no points off if you have an incorrect answer. It is here where the points may be deducted. This is also where poor grammar and spelling might come in. Write this paper as if you were going to be turning it into your English teacher. Science writing is a very important thing to know and understand.

These will always be major grades, so be certain to put a fair amount of effort into these reports. This is also why there are so few during the year.