**LAB REPORT TEMPLATE**

* **Title:**This should accurately describe the experiment. Don't try to be cute or funny.
* **Date:**This can be the date you did the experiment or the day you completed the report.
* **Lab Partners:**Who helped you with the experiment? List their full names. If they represent other schools or institutions, credit this too.
* **Purpose:** Sometimes this is called the objective. It is either a single sentence summary of why the experiment or product was performed or else a single paragraph.
* **Introduction:**Describe why the topic is of interest. The introduction is other one paragraph or a single page. Usually the last sentence is a statement of the hypothesis that was tested.
* **Materials:**List chemicals and special equipment used for this experiment. Ideally, you want this section to be sufficiently detailed another person could repeat the experiment.
* **Procedure:**Describe what you did. This can be a single paragraph or one or more pages.
* **Data:**List the data you obtained, before calculations. Tables and graphs are good.
* **Results:** If you performed calculations on the data, these are your results. An error analysis is usually here, although it may be its own section.
* **Conclusion:** State whether the hypothesis was accepted or the project was a success. It's a good idea to suggest avenues for further study.
* **References:**Cite any resources or publications you used. Did you consult a paper that somehow related to the project? Give credit. References are needed for all facts except those that are readily available to the intended audience of the report.