**Names**:

*Title of Your LAB*

*(All italicized instructions should be deleted once completed!)*

**Question:** *What do you want to test? The question needs to include identifiable variables. (EX: How does \_\_\_\_\_ affect \_\_\_\_\_?)*

**Variables:**

|  |  |
| --- | --- |
| Independent Variable | *This is what you are going to change* |
| Dependent Variable | *This is what will change because of the independent variable* |
| Constants | *Variables that are not being changed* |
| Controls | *This is a test that is conducted under “normal” conditions.* |

**Materials:** *List all of the materials you need to perform this experiment*



**Procedures:** *Use this section to explain how to set up and conduct your experiment. This should be detailed enough that anyone could recreate EXACTLY what you did step-by-step. Use bullet points.*



**Data Collection:** *This is where all of your raw data measurements of the variables you selected to test get logged. Adjust table as needed.*

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| --- | --- | --- | --- | --- |
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**Data Analysis:** *You need a* ***graph*** *of some kind here that relates your variables, and maybe some statistical calculations to go with it. You also need to* ***write a paragraph*** *putting the data you see on your graph into words. Your paragraph should be observational. Your inferences will go in the conclusion.*

**Conclusion:** *Address the question/hypothesis, was it correct or incorrect? Refer to your data to justify your conclusion. Give the observations you made with the graph meaning. Make inferences. Why do you think your data is the way it is?*

**Discussion and Support of Conclusion:** (this should include outside research you have found to support your conclusions)

**References**: (this should be in [APA format](http://owl.english.purdue.edu/owl/resource/560/01/))