**Before you hand your report check to make sure you have included the following:**

* **Self-evaluation** of the lab rubric to hand in with your lab report
* **Title** (should be similar to the purpose of the lab, includes IV and DV)
* **Literature Cited / Bibliography**
  + Do you have 3 sources in APA format
  + Did you use citations in your report?
* **Introduction**

Paragraph 1 (Background information)

* What is the lab about? Did you discuss the science concept being taught?
* Did you provide background information that you researched and cited information?

Paragraph 2

* + Purpose statement
  + Hypothesis
  + Explain the scientific reasoning you chose the hypothesis (this is a expansion of the “because” portion of your hypothesis)

List the following

* Hypothesis
  + Independent Variable
  + Dependent Variable
  + Control Group
  + Experimental Group
  + Control Variables (Constants)
* **Materials** (in vertical list format, quantities are written, example: 10ml of 0% sucrose solution, 4 test tubes, 2- 50ml beakers)
  + Diagrams and or descriptions can be used
* **Procedures** (numbered in list form, step-by-step everything you did)
  + Did you make an effort to control all the constants?
  + Did you specify the control group in your procedure?
* **Results**
  + Quantitative Data Table
  + Descriptive Qualitative Data
  + Excel Graph (labeled, title, key, etc.)
* **Conclusion** (4 paragraph form)
* Paragraph 1
  + - Restate Purpose/ Hypothesis
    - Was your hypothesis rejected/supported?
    - Answer to the Purpose?
    - Paragraph 2
* Did you refer the data collected using actual data taken (group one produced 2mm…)?
* Paragraph 3
  + What was your degree of confidence (how valid was your experiment)?
    - Referred to control variables and/or errors to support the validity or lack of in your experiment?
    - Gave at least 2 reasons why the results may not be valid (what errors did you have during the experiment) and discussed the effect that it has on the results
  + Did you state two ways to improve the experiment (procedural changes), such how to correct the errors? (this is not just a statement but an explanation of what to do)
  + Did you suggest an idea for another experiment based on this one?
  + Paragraph 4
* 2-3 sentences summarize your purpose / results
  + Did you relate this experiment to real life in a minimum of 3-4 sentences?
* **Mechanics and Format**
  + Typed in Times New Roman font, size of font 12 point type, single space
  + Did not use personal pronouns (I, we, us, etc.)
  + Did not use contractions (don’t, wouldn’t, etc.)
  + Sentence make sense and are fluid
  + Work submitted is original work and not copied (plagiarized)