LAB REPORT
Title of lab goes here

Full name of lab partners
(first name listed should be the lab leader)
Block
Date

Title: Make sure the title above makes sense.
Poor example: "Differ Sugar and Salt"
Good example: "The Effect of Sugar or Salt on the Boiling Point of Distilled Water"

Purpose: Always start with "The purpose of this experiment is ……."

Materials: Bulleted list – tools should be listed first, followed by chemicals.

Procedure:

1. Number your steps.
2. Only include what you are DOING in the lab (no calculations or explanations).
3. Don't use slang
    - Poor example of wording: "**Grab** the triple beam balance…."
    - Good example of wording: "**Take** the triple beam balance…."
    - Poor example of wording: "**Stick** the tube into…."
    - Good example of wording: "**Insert** the tube into …"
    - Poor example of wording: "**Dump** the sugar into…."
    - Good example of wording: "**Pour** the sugar into…"
4. Never use "you" in a procedure! Make command statements the norm.

Data:

1. Data definition: type of observation
    a. Qualitative – description of what you see, touch, smell, etc.
    b. Quantitative – numbers with units
        i. Units must be abbreviated appropriately
            1. "g" not "grams"
            2. "mL" not milliliters
            3. "^{o}C" not degrees Celsius
2. Headings
    a. Each data table must have headings at the top of each column
    b. Do NOT put any headings in any other row other than the first one
    c. It may be useful to use more than one data table
    d. RAW DATA goes into the data table
        i. Raw data is what you actually observe in the lab!
3. What is the difference between the word "calibration" and "calibrate"?
    a. Calibration: meaning of the smallest marking on a measuring device – it is a noun.
    b. Calibrate: to make an adjustment based on "theoretical" vs. "real" data – it is a verb.

Calculations:

- In some experiments, you may find creating another table here will make organizing your data easier.

Resources:

- Use a specific website - http://www.answers.com or http://www.wikipedia.com are WEBSITES, not specific resources. Copy/paste the ENTIRE website address into your paper.

Summary:

- Focus on what you did in the experiment. For example, in the boiling point lab, you never tested ice water. So, don't refer to ice water in your summary! This has no bearing whatsoever on this lab summary.