

Sample Lab Report

Name

Mrs. Richardson

Class name

Date

Lab Title

Background: This is where you include your prior knowledge on the subject. I expect to see vocabulary words defined here and any other relevant information. This should be about 2 - 6 sentences long.

Purpose: This is *why* we are doing this lab. If our experiment is testing sugar levels in various sports drinks, the purpose would be: to determine sugar levels in Gatorade and Powerade.

Hypothesis: This is an EDUCATED guess as to what you think will happen and why, and it MUST relate to the purpose. For example: I hypothesize that Gatorade will contain more sugar because it tastes sweeter.

Material: list the materials. You do not need to include common materials like lab directions or pencil.

Procedure: The best way to do this is to follow the directions on your lab directions whenever possible. Be specific and number your steps. Do not write in a paragraph form.

Data: This can be a graph or drawings. All drawings must be neat and must include labels. Learn how to imbed a graph into your documents; it is a useful skill.

Conclusion: This is where you *analyze* the data. You look back at the purpose and see if you met it. Was your hypothesis correct. What did you learn, what further questions do

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you have? Do not state: "I really liked this lab; it was fun. I learned a lot." The conclusion should be 4 - 10 sentences long.

The entire lab report should be double spaced and written in a standard 12 point font.

Your lab report should be stapled. It should be free from spelling and grammar errors.

Handwritten reports will NOT be accepted. Use this sample throughout the year. When

we work on dissections, you should omit the hypothesis.