

Experiment Title

Name:

Date:

I. INTRODUCTION: Answer the following questions in one or two sentences.

a) PURPOSE:

- What is the purpose of this experiment?
- What are you trying to find out or observe

b) HYPOTHESIS:

- Your best guess as to what will happen and why you think this will happen
- Use an IF/THEN statement if possible.
- Include any chemical terms or concepts which are relevant to the lab.

II. MATERIALS:

- If you use the materials listed on the lab worksheet then write “per lab worksheet”
- Otherwise mention if you made any substitutions to the materials listed in the lab worksheet.

III. PROCEDURE:

- If you use the materials listed on the lab worksheet then write “per lab worksheet”
- Otherwise mention if you made any substitutions to the procedure listed in the lab worksheet.

IV. DATA / OBSERVATIONS:

- Write down everything that you observed during the experiment in complete sentences.
- Draw and label a picture of what you saw if applicable.
- Data (numbers) **MUST** be presented in a table. Show any calculations for the lab.

V. CONCLUSION: Answer these questions in complete sentences

- Did your results confirm or deny your hypothesis? Explain.
- Why did the experiment turn out the way it did? Completely explain the scientific concepts this experiment was designed to illustrate.
- Did anything go wrong during the experiment? If it did, briefly explain how this affected your results.