

The Scientific Method - Lab Outline

1. **Purpose:** Ask yourself a question.

What is the reason for doing this experiment? What do I want to find out?

2. **Research:** Do background research regarding your experiment topic. What do you already know about your topic that may help develop your hypotheses?

3. **Hypothesis:** Construct a hypothesis. What do you think will happen during your experiment?

4. **Experiment:** Test your hypotheses by conducting an experiment. What steps do you need to follow?

5. **Analysis:** Analyze your data and draw a conclusion. What happened during your experiment? This is where you should include pictures, graphs, tables, charts, etc.

6. **Conclusion:** Was your hypothesis correct?