

Science Lab Report

General

Directions: A good science project has five parts that lead to an answer. Find and watch a *Mythbusters* video on *YouTube.com*. Then complete the science report using complete sentences.

I. Purpose – This is the introduction of the project, so provide a general overview while saving the details and results for later.

- What's the question they want to answer? _____
- Why did they choose this experiment? _____
- Why does the problem interest them? _____
- Who would be interested in their results? _____

II. Hypothesis – This is an educated guess or prediction what you think will happen in the experiment and why. Be sure to use the word *because*. (2-3 sentences) _____

III. Procedure – This is the longest section. It details exactly how to replicate the experiment step-by-step. If a person reads your project, they should be able to do the same experiment and get similar results. (≥ 4 sentences) _____

IV. Observation – The observation shows how an experiment was measured or recorded, like a graph or chart. It usually involves at least one of the five senses: sight, sound, touch, taste, or smell. How did they record the experiment? (≥ 3 sentences) _____

V. Conclusion – The experiment is complete, the results gathered, and now it's time to analyze and provide an answer to the question.

The conclusion is a mixture of words and numbers. Summarize the results in a discussion format.

- Discuss what happened and quantify the results using numbers. (≥ 3 sentences) _____

- Was the hypothesis correct and why? (2 sentences) _____

- Note anything new or unexpected that occurred. (≥ 2 sentences) _____
