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Introduction

1 paragraph = at least 5 sentences

- ✓ -What is your testable question?
- ✓ -What field of science is your project based on?
- ✓ -Why did you choose this topic or why are you interested in this topic?
- ✓ -What is the purpose of your experiment?
- How does your ESLR support your topic?

Hypothesis

- ✓ Must be written in the *If* _____, *then* _____ *because* _____ format.

Independent Variable and Dependent Variable

- ✓ **What are you testing in your experiment?**
- ✓ **What are you measuring in your experiment?**

Research

- ✓ The **title**, **author** and a summary of **what you learned** for ALL of your research sources.

Experiment Materials

- ✓ **Materials:** A detailed list of the materials that will be used to in your experiment.

Experiment Procedure

- ✓ **Procedure:** The specific and clear steps that will be followed to conduct your experiment.

Data Table and Graphs

- ✓ A blank table labeled clearly with independent and dependent variables as well as a space for observations.
- ✓ **You must collect at least 1 form of quantitative data that can be represented by a graph.**

Analysis

1 paragraph = at least 5 sentences

- ✓ -Describe the data you collected from your experiment
- ✓ -Describe any patterns you noticed from your data

Conclusion

1 paragraph = at least 5 sentences

- ✓ -Restate your testable question and hypothesis
- ✓ -Explain if your hypothesis was correct or incorrect.
- ✓ -Describe how you would improve your experiment if you were to do it again.
- ✓ -Explain how your ESLR supports your topic

Work Cited

- ✓ A list of sources, written according to MLA format, in alphabetical order and typed.
- ✓ **Source Requirement:** Minimum of three sources.

Acknowledgements

- ✓ Thank you message to those who helped you with your science fair project.