

Title: The Effect of X on Y

Abstract: Summarize the gist of each section of the report in a sentence (or two for an especially complex section). Arrange the sentences in the order the sections are presented in the report, keep the length within 100-200 words. The purpose of this section is to give the reader a quick overview of your lab.

Introduction: Define the research problem by briefly describing it and giving the independent and dependent variables, and then give the guiding research question. (Short paragraph).

Here, you will need to do some outside research and cite your sources.

State in a sentence or two the scientific concept the lab is about and then describe what was researched about that concept that is relevant to the lab (one paragraph that provides 2-3 well-researched points that help provide relevance to the research question)(KEEP TRACK OF SOURCES).

Establish the hypothesis that comes out of the research question, explain the reasoning (based on the scientific concept and logic) used to arrive at the hypothesis, and finally briefly summarize the experimental procedures used to test the hypothesis (another paragraph).

Methods: Step by Step. Provides a concise, easy-to-follow description of the specific procedures followed in the lab. Gives enough detail of both the materials and the procedure used so that the experiment could be repeated just as I did it. Should state constants, controls (if there is one), and number of trials. This can be numbered list.

COMING UP NEXT:

Results

Conclusion

References