**Name:** Click here to enter your Name. **Due Date:** Click here to enter a date.

## Abstract

An abstract summarizes the four essential aspects of the report:

🡪 the purpose of the experiment (i.e. what problem/question was being addressed).

🡪 how the problem was approached and what the key findings were

🡪 the significance of those findings (i.e. the most important aspects of your discussion) 🡪 the major conclusions that were drawn.

The information should be concise and clearly enable readers to decide whether they need to read your whole report.

The abstract needs to present a complete and accurate summary of your work but must be done in one paragraph of 100-200 words. Abstracts are often the most difficult to write. Though the abstract is found at the beginning of the report, IT SHOULD BE WRITTEN LAST!

## Introduction

#### Objective

Click here to enter text.

## *Background Information*

Two paragraphs of background info with in-text citations (Palmeri, 2015). This section provides the reader with background information to the experiment, including relevant information about the organism and/or processes being tested or studied, background theory, and previous research.

#### Hypothesis

Click here to enter text.

***Variables***

*Independent* Click here to enter text.

*Dependent*  Click here to enter text.

*Constants* Click here to enter text.

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

## Methods

#### Materials

Click here to enter text.

#### Procedure

Click here to enter text.

The methods section should outline everything that was SPECIFICALLY done in the experiment including:

* set-up
* measurements taken
* calculations made (showing the calculations)

Diagrams will likely be a big help in describing any and all aspects of the methods, and should be used without hesitation to clarify set-ups and measurements.

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## *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

## Results

#### Data Table (Figure 1)

The results of the experiment should be presented in an unaltered form so that they can be evaluated in the discussion section to follow.

Data Table Format – put units in the headings of the columns DELETE FOR FINAL DRAFT

***Graphs (Figure 2)***

***T A I L S***

## \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Discussion

2 paragraphs

* This is where you interpret your results to say if your hypothesis was proven. Be sure to **use actual data** from the experiment to **support** or reject your hypothesis.
* Talk error and/or percent errors. Discuss some possible errors - implicit errors you faced (not blunders or situational errors).
* Discuss how you would improve this experiment in the future.
* DELETE FOR FINAL DRAFT

**Conclusion**

One sentence (this is the concluding statement).

**Literature Cited**

*APA Format; Citationmachine.net*