<This is a template document provided for your reference. You can use it or not as you see fit when writing your lab reports. You do not need to keep the formatting, font, etc. the same, as provided in this document (though you certainly can). If you do use this document, change the file name, replace any text surrounded by angle brackets (<>) and delete this paragraph. Also, don’t forget to share the document with me and give me editor access (at my work email address) and publish the document on the course blog in accordance with publishing guidelines. Finally, do not forget to make sure that the document adheres to all aesthetic requirements.>

**Name:**

**Lab Partner(s):**

<Title of Lab>

# ABSTRACT Introduction:

## Objectives:

<[Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

## Research Question and Hypothesis:

<Research question and hypothesis go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

#### Research Question:

#### Hypothesis & Justification:

#### Independent and Dependent Variable Identification:

# Methods:

## Materials:

<Materials go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

## Procedure:

<Procedure goes here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit). Make sure to specify degrees of variance in your independent variable, the conditions that you will hold constant, and your control treatment. Also, don’t forget to include a diagram/image of your procedural setup. Sub-Sections have been provided for each of these. The number below is for the first step of the protocol that you will be following.>

#### Degrees of variance in independent variable: Degree of freedom

#### Constants:

#### Control:

#### Diagram/Image of procedure:

<description>

<This is where the diagram/image of your procedural set-up goes. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit).>

# Results:

<Results go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit). Copy and paste elements as needed for multiples.>

## Qualitative Data: Words that describe the results.

<Qualitative data goes here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit).>

## Quantitative Data: Numbers (Data Table) that describe the results.

<Quantitative data goes here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit).>

## Calculations & Statistical Analysis: if applicable

<Calculations go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit).>

<The following elements should be copied and pasted in to the above data sections as many times as necessary for the purpose of the lab report. Replace the <#> tag with sequential numbering (independent sequences for figures and tables)>

### Figure <#>:

<description>

<This is the element formatting for all figures (drawings/photos/graphs). [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

### Table <#>:

<description>

<This is the element formatting for all tables. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

# Discussion:

## Conclusions:

<Conclusions go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

## Experimental Evaluation:

<Experimental Evaluation goes here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit)>

**Going further**

**Look up current biology research that coincides with the lab you completed.**

# References:

<References go here. [Make sure to adhere to all guidelines](https://docs.google.com/document/d/1g51ymc6ig_b47zPi9ZUMELAYjA6TbVylZ8D8OGpVww4/edit). Don’t forget in-text citations where required.>