**Place Title of Project Here**

**A Science Paper**

**Presented to**

 **Place name of science fair here**

**Date**

**Place your name here**

**Acknowledgement**

I appreciate the help of insert names of all the people who helped you here with my project. (Include details of how they helped you, supplies they provided, emotional support and encouragement provided, etc.)

This is all that goes on pg. 2

Insert page numbers into your report…

**Table of Contents**

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 13. Resources ………………………………………………………..

You have to fill in the correct page numbers for each section, after you complete your report. This is all that goes on page #3 of your report.

**Abstract**

The problem I addressed was (you have to put the problem for your experiment here)

I hypothesized that when I did this…. I expect this to happen….

My procedure was as follows. This is where you give a brief description of how the experiment was performed.

My results (did they confirm or disprove your hypothesis and why?

This abstract should not exceed this one page. You may need to paraphrase your procedure. This is all that goes on page 4.

The rest of this document should be double space.

**Statement of the Problem**

This is where you explain the question you would like to answer or the problem you would like to solve. Use specific details. You should include details about what events or thoughts led you to focus on this question or problem.

**Research**

This section should be several paragraphs. You need at least three sources for this paper not including the site on which you found your experiment. You need at least one paragraph telling what you learned from each source and a fourth paragraph telling how you put it all together to get a complete picture. This paragraph should segue into your hypothesis. This section should read like a research paper.

**Hypothesis**

Before you start working on your experiment, state what you think will happen when you perform the experiment. Why do you expect to see these results? More specifically, what facts do you already know about the details of your question or problem? How do these facts lead you to your hypothesis?

**Variables**

The independent variable, which will be changed and tested, is …

The dependent variable, which will be observed and recorded, is …

The constants in the experiment are …

**Materials**

List the materials you used for your experiment in a **bulleted list**. Be specific. If you use any brand names, be sure to list the brand name. If you used a certain quantity of a material, be sure to list that quantity.

This section should be a bulleted list!

**Procedure**

This is where you write a numbered list of step–by-step directions, written in complete sentences. Tell how you set up the experiment, how you ran the experiment, and how you collected the data. Note any changes in procedure from test to test. Be sure to include directions for each independent variable tested.

This section should be a numbered list.

**Data Tables and Graphs**

You need to create tables like this using the Tables option in Word. You will need a separate table for each trial you do. This is where you insert the graph of the data collected from your experiment. Be sure that your graph has a title and labels.

**Results**

This is where you tell in words, the results of your experiment based on your data. Be specific about what your data shows, and include the mean, median, and range of your data. Do not use pronouns in this description.

**Conclusion**

1) Restate your problem. 2) Restate your hypothesis. 3) Was your hypothesis confirmed or disproved and why? Be very specific. 4) How does what you learned through your research compare with your findings?

The numbers are to make sure you have all four parts. DO NOT use the numbers indicating the parts of the conclusion when you write your conclusion.

Triple space and then put the next heading…

**Inference**

This is where you relate your project to real life. Why do we need to know about your research? How will it help society and individuals? What kind of applications does your project have? Etc.

**Resources**

This is where you use your notes cards, or research notes to complete the information in the bib maker site spaces. (<http://www.citationmachine.net/apa/cite-a-book>) If you use this link you will already be on APA style – which is the one you should use for science and technical papers. You should have at least three sources. You may have more. Don’t forget to include the web site where you found your experiment if you used one. The citations should be in alphabetical order and should be double spaced in between. Just including the web site address is not a correct bib citation. Use the citation maker. The bib gets its own page in any report.

**Notes about putting together this paper:**

* **This page is not part of your paper. It is for your information.**
* **Your paper should be typed in a font that has both upper and lower case letters.**
* **Your paper should be typed in 12 or 14-point font.**
* **Your font should be simple and not swirly.**
* **You should follow the spacing directions on this guide.**
* **Don’t forget to go back and put in the page numbers for each section in the table of contents.**
* **Charts and graphs should be clear and easy to read. They should also be titled and labeled.**
* **Do not use pronouns when writing your paper. No one wants to guess what you are talking about.**
* **Be sure to run the spell and grammar check. Make the corrections suggested.**
* **Re-read your paper to make sure that it makes sense.**
* **Have someone edit your paper. Spell/grammar check misses some things.**