

Science Fair Paper Format

Due: Friday, February 15th, 2013

This packet will show you what your final Science Fair written report should look like. Include page numbers on each page of your paper. Each page should be labeled with the name of the section except for the Title Page and the Table of Contents. All other pages should be titled with the name of the section.

Your Project's Title

Should be centered several inches below the top of the page. Your name, grade and date should be listed in the lower right hand corner.

First and Last name

4th/5th Grade

February 15, 2013

Table of Contents

List each section and the page number where it begins. *Do this after writing your final draft.*

Example:

Table of Contents	2
Introduction	3
Problem/Question (Purpose) & Hypothesis	4
Research	5
Materials and Procedure	6
Data/Observations/(Results)	8
Conclusions	11
Acknowledgements	13
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INTRODUCTION (SECTION 3)

Explain how and why you chose this experiment. Include important background information that relates to your topic. Remember to grab your reader's attention. Get them as interested in your topic as you are. **INCLUDE SOME RESEARCH ON YOUR TOPIC.** The introduction should be no more than one page.

Grammar and spelling count.

PROBLEM (PURPOSE) & HYPOTHESIS
(SECTION 4)

STATE THEM IN ONE OR TWO
SENTENCES EACH:

PROBLEM: The purpose of my experiment
is to find out...

HYPOTHESIS: I believe that ...

Grammar and spelling count.

RESEARCH (SECTION 5)

Includes your independent and dependent variables as well as your findings. This should be stated clearly and concisely.

Tell me about your topic (not your experiment but your topic).

Example questions to ask yourself include:

- What is the history of my experiment?
- Who discovered/was given credit for discovering it?
- How does it work (Define vocabulary words)?
- How has it changed over time?
- How has it affected the US? The world?
- What have other scientists found out about your topic?

After you have collected your research, put it into your own words. Then, relate what you found out to your specific topic.

Finally, at the end of this section, add a sentence or two that says how your research is related to your topic.

Example: Now that I know about static electricity, I wanted to test these theories out for myself.

Grammar and spelling count.

MATERIALS AND PROCEDURES (SECTION 6)

List materials vertically and be specific.
Use materials' names and amounts.

Explain your procedure step by step, in sequential order. Use appropriate measurements and units when necessary.

Drawings/sketches/pictures help make your method more clear...**include them.**

If you constructed any materials or equipment, explain them HERE. Include safety information and multiple trials of your experiment to demonstrate a good sample size.

Grammar and spelling count.

DATA/OBSERVATIONS/(RESULTS)
(SECTION 7)

Present your results neatly in paragraph form to show evidence of your findings. You must ALSO INCLUDE A CHART/GRAPH/TABLE/PHOTOS. Make sure they are well organized, understandable, and properly labeled. Grammar and spelling count.

CONCLUSION (SECTION 8)

Write this section after you have finished preparing your results. Briefly summarize your results in the past tense. Restate your hypothesis in the present tense and tell how your data supported or did not support your hypothesis. Give your interpretation of your results and discuss their significance. Don't hesitate to mention difficulties you had or mistakes you made. Include other information that relates to your project that you obtained through research. Give one or two suggestions for what the next experiment might be (related to your experiment) based on your results. Grammar and spelling count.

ACKNOWLEDGEMENTS (SECTION 9)

Thank the people who helped you with your project and what they helped you with. This section is optional.

BIBLIOGRAPHY (SECTION 10)

List any books, articles, websites, etc. that you used or got information from for your project. Make sure they are listed in alphabetical order and use the appropriate format

Use the attached format for your bibliography.

Bibliography Formatting Sheet

This source is a: <input type="checkbox"/> book <input type="checkbox"/> Magazine <input type="checkbox"/> Newspaper <input type="checkbox"/> Website <input type="checkbox"/> Other _____		
Author's Last Name _____ First Name _____ Middle Initial _____		
Date Published _____	Publication/Website Title _____	
Title of Article (periodicals, Encyclopedias, websites) _____		
Place Published (books only) _____	Publisher (books only) _____	Editor (if applicable) _____
Edition (if applicable) _____	Volume # (Periodical or Encyclopedia) _____	Page Number(s) _____
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