

SCIENCE FAIR PROJECT

WRITTEN REPORT

ALL THESE PARTS MUST BE IN THE WRITTEN REPORT IN THE ORDER THEY ARE LISTED:

1. Abstract

- ✦ Form can be found on the Science Fair website, www.siue.edu/OSME/scifair/sf.html.
- ✦ Must have 3 copies
- ✦ Purpose, Procedure, and Conclusion must be on the bottom half of the page after your project title
- ✦ Limited to one page
- ✦ Sponsor is Mr. Chad Rakers

2. Safety Sheet

- 3. Form can be found on the Science Fair website, www.siue.edu/OSME/scifair/sf.html.
- ✦ If you have any hazards-anything that could be dangerous-when doing your project, they have to be listed here. You must also tell how you controlled those hazards to keep yourself safe. This form must be signed by you and by your teacher

4. Endorsements

- 5. Form can be found on the Science Fair website, www.siue.edu/OSME/scifair/sf.html.
- ✦ These forms are **only** for the students who use animals or humans as test subjects. If you did not use animals or humans, you do not need these forms. To complete these forms, you must tell what you did with the test subjects. This is just to see if there was any mistreatment of animals and anything dangerous done to either animals or humans.

6. Title Page

- ✦ You need to have the title of your project, your name, grade and school on this page. You may include a few simple graphics for decoration.

7. Table of Contents

- ✦ Each part of the written report must be listed along with their corresponding page numbers. Everyone's first page should be your table of contents. Everything listed before this does not get a page number. The list should include parts 5-12 found on these guidelines.

8. Acknowledgments

- ✦ This is a short paragraph. List the people of helped you with your project. Who were they? What did they do to help you?

9. Purpose and Hypothesis

- ✦ Should be written on the same page. It should be stated very simply: The purpose of our project is _____. The hypothesis is simple a guess or prediction of how your experiment will turn out.
- ✦ You need 2 copies of this page

10. Review of Literature

- ✦ This report is background information about your project.
- ✦ Get your information from a variety of sources. Use Internet sites, books, newspapers, magazines, encyclopedias, or interviews. Do not use a source if it was published more than 10 years ago.
- ✦ It should be double-spaced: Times New Roman, Font size 12.
- ✦ Must include 2-3 quotes from your material. If you like the way something is stated in your material and do not want to change it, then put it in quotation marks. After the closing quotation mark, you need the author's last name and the date it was published.
EX: "Chlorophyll is a green substance plants need to make their own food."(Newton, 2002).
- ✦ Do not explain how you did your project.
- ✦ Do not use the words: I, we, us, our, my, you
- ✦ Sixth grades should have 1-2 pages
- ✦ Seventh graders should have 2-3 pages
- ✦ Eighth graders should have 3-4 pages

11. Materials and Procedure

- ✦ List **exactly** what you used to do your project.
- ✦ You must also tell how much of each item was needed to do your project. These measurements **MUST BE IN METRIC!**
- ✦ Procedure is a step by step list of how you did your experiment. Be very, very specific. Do not assume anything. Write it all out. Your last step should mention repeating your experiment at least 5 times, if not more. The more times you repeat your experiment, the better!!
- ✦ You need 2 copies of your materials and procedure.

12. Results/Graphs

- ✦ You should have a graph for each trial in your experiment
- ✦ Find the average of all your trials and graph the averages
- ✦ Every graph should have a title with the appropriate capital letters
- ✦ The vertical and horizontal axis must be labeled correctly
- ✦ You need 2 copies of each graph

13. Conclusion

- ✦ Paragraph form
- ✦ First thing to do is restate your hypothesis. Was your hypothesis right or wrong? It is okay if you were wrong. Don't go back and change anything if your results did not agree with your hypothesis. Why were you right or wrong? Evaluate and summarize your average graph.
- ✦ You need 2 copies

12. Bibliography/Reference List

- ✦ List of sources and materials used to write your Review of Literature.
- ✦ Must be in the correct format-I have a paper that shows the correct format for each source
- ✦ Do not limit your sources to just Internet information. The more different kinds of sources you use the better.
- ✦ You should have at least 6 or 7 items listed here.
- ✦ Needs to be in alphabetical order

What needs to be included on the backboard?

- ✦ Title of your project
- ✦ Purpose and hypothesis
- ✦ Materials and procedure
- ✦ Graphs
- ✦ Conclusion
- ✦ Pictures
- ✦ Abstract