

Science Fair Final Report Guidelines

Rough Draft Due : _____

Final Draft Due : _____

Using the information you have collected in your science log over the semester, your task is to compile that information in a final report about your experiment. The length of your report will be anywhere from 9 to 20+ pages depending on how many data tables and graphs you have. The report can be handwritten or typed. If your handwriting is difficult to read, type your report. Handwriting that is unreadable will affect the grade of your report. If you worked with a partner, **each partner must write their own paper from start to finish !** Partners **may not** have the exact same report. Because the turn around time for the draft and the final is short, **NO LATE REPORTS WILL BE ACCEPTED!** If you are absent on the due date, your report needs to be turned in to your teacher's box by _____ that day. You must turn in your rough draft with your final draft. Final drafts turned in without the complete rough draft and scoring sheet will not be graded. Look through the outline posted in class and the student examples of final reports to get a better idea of what your report should look like. Your paper must have the following sections:

1. Title Page (1page)
 - include the title of your report, your name, your partner's name (if any), class period & due date
2. Table Of Contents (1page)
 - list the sections of your report along with their corresponding page numbers
3. Abstract (1/2 – 3/4 page)
 - a brief summary of your entire experiment
 - include :
 - a. Brief background information
 - b. Purpose – what you were trying to find out
 - c. Hypothesis – your prediction at the beginning of the project
 - d. Procedures – how you gathered your information
 - e. Results – what you found out (briefly describe patterns/trends in the data)
 - f. Conclusion – was your hypothesis proven, what do your results mean
4. Introduction (1page)
 - brief summary of your topic background research
 - state the purpose of your experiment and your hypothesis
5. Experimental Design (1page +)
 - complete materials list & complete step-by-step procedures
6. Results (3 pages +)
 - data tables (1 data table per page with figure headings)
 - graphs (1 graph per page with figure headings)
 - written description (not analysis) of the data :
 - a. describe any patterns, relationships or trends found
 - b. explain what the data tells you
 - c. explain any errors in your experimental design or in your data
7. Conclusion (1page +)
 - what did you find out in your experiment / what does your data imply (data analysis)
 - answer the following :
 - a. write a brief summary of your findings
 - b. **explain** if your results proved or disproved your hypothesis & **how**
 - c. explain how you would improve your project

Name _____

Date _____

Period _____

I have read and understood the guidelines of the Science Fair final report.

Parent/Guardian Signature

Student Signature