

Science Fair Results and Analysis Paper

The final paper you will need to do for the Science Fair is a paper discussing results and analysis for your project. This paper will be due on January 27 and is worth 100 points. You need to be sure to follow the format listed below and include ALL the required information.

1. The paper is to be typed using Times New Roman 12 point font
2. The paper should be double spaced. (Just like the last papers)
3. Spelling/Grammar/Format is worth 10 points
4. Write in complete sentences

Name

Grade

Date

Title of Experiment
Results and Analysis Paper

Experimental Results - 40 points

In this section, you will write out everything that happened in your experiment. **Tables, charts, graphs, and general descriptions of observations should be included.** This written description of your outcome to your experiment should be **AT LEAST 1 page**. Include everything, even if the experiment doesn't come out the way you expected. Be sure to include any problems that you may have run into while conducting the experiment.

Conclusions - 40 points

$\frac{1}{2}$ -1 page. In this section, you will draw conclusions based upon the experimental data collected and analyze the results. You should restate your hypothesis and **tell whether or not your experiment proved or disproved your hypothesis.** You should also try and explain why you think you got the results you got by discussing the scientific principles behind your experiment.

Recommendations -20 points

$\frac{1}{2}$ -1 page in length. Tell what you have learned by doing your experiment. Be sure to include some details about the basic scientific principles you have learned about and some information you have discovered after actually doing your experiment. Also tell what you think you could do to make your experiment even better by analyzing the strengths and weaknesses of your experiment. What further experiments could you do in this area?