

Science Fair Display Board Guidelines

Plan Due : _____

Display Board Due : _____

Now that you have completed your experiment and have written up your final report, the next task is to present your project orally using a display board as a visual aid. The display board will help you through the explanation of your report and will help your audience visually see what you accomplished. Partners may work together to complete one display board. However, each partner must contribute equally to the completion of the display board. Partners will receive the same grade for the board.

The 3-panel cardboard display board should be no smaller than 32 inches tall x 120 cm long. Boards can be purchased at Office Max, Hopaco, Stationers, etc. or can be purchased from your science teacher for \$5 (while supplies last). There is also a limited supply of old display boards that can be recycled at no cost. See your science teacher for details.

Oral presentations will begin on _____ and run until _____. Students will be selected randomly each day to give their oral presentation. This is to prevent students from being "conveniently absent" on the day of their presentation. This action has in the past thrown off the entire schedule of oral presentations. We do not have any time left in the quarter for make-up presentations. Display boards will be due on _____ for all students, regardless of when you are scheduled to present. **NO LATE BOARDS WILL BE ACCEPTED.** If you are absent on the due date, your display board needs to be turned in to your teacher by that day.

We looked at numerous examples of display boards in the third quarter; use that prior knowledge and the following guidelines to complete your own display board. Your board must include the following (most of which comes directly from your final report):

1. Title
 - very large font (larger than all other text on the board)
 - use the title from your report
2. Headings
 - large font for each section of the display board
3. Introduction
 - summary of the introduction from your report
4. Purpose
 - 1 – 3 sentences explaining the purpose of your research project
5. Hypothesis
 - state your hypothesis in a complete sentence
6. Experimental Design
 - complete materials list
 - complete step-by-step procedures
7. Results
 - data tables and graphs with figure headings + any other figures you may have (photos, maps, etc.)
 - 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
8. Conclusion
 - written conclusion :
 - 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

Display Board Scoring Rubric

	Missing 0	Needs Much Work 1	Could Use More Work 2	Acceptable 3	Quality 4
Draft of display board (sketch)					
All components included (title, hypothesis, introduction, etc)					
Accuracy of information					
Neatness					
Creativity / originality					
Appealing to the eye (appropriate lettering, spacing, etc.)					
Visuals used appropriately (tables, graphs, photos, etc)					

Display Board Plan

← 30 cm →	← 60 cm →	← 30 cm →
<p style="text-align: center;">MATERIALS LIST</p> <p>1. 2. 3. ↓</p> <p style="text-align: center;">PROCEDURES</p> <p>1. 2. 3. ↓</p>	<p style="text-align: center;">← PROJECT TITLE →</p> <p style="text-align: center;">INTRODUCTION</p> <p style="text-align: center;">PURPOSE</p> <p style="text-align: center;">HYPOTHESIS</p>	<p style="text-align: center;">RESULTS</p> <p>✓ written results section ✓ data table(s) ✓ graph(s)</p> <p>✓ photos, diagrams, maps</p> <p style="text-align: center;">CONCLUSION</p> <p>✓ written conclusion</p>

Name _____

Date _____

Period _____

I have read and understood the guidelines of the Science Fair display board.

Parent/Guardian Signature

Student Signature