

Creating Your Display Board

These slides tell you the information you need to include on your project display board. For a visual of what a board should look like, check the Science Fair Presentation linked on the [Douglass Library Webpage](#). If you need help printing your information, contact Ms. Murphy-Waters in the Media Center.

Title

This page is for the title of your science fair project. You should add this to the top of your trifold board.

Question:

The question must be written so that it is researchable through experimentation. Do not forget the question mark.

References:

Create a bibliography of all the sources that you used for this project. Print this and place it on your trifold board.

Hypothesis:

The hypothesis should answer the question. Make sure that you write your hypothesis in an if - then - because format. Print this and place it on your trifold display.

Variables

- **Independent Variable:**
- **Dependent Variable:**
- **Constant Variables:**

Control

Use the information in the Science Fair presentation slide to determine your variables and control. Type this information, print, and place on your trifold display.

Materials:

Describe all the materials you used in your experiment, print, and place on your trifold display.

Procedures:

Describe the step-by-step process you used to complete your experiment. Type this, print it, and place on your trifold display.

Pictures:

Pictures help to show your experiment and results. Print them and place on your trifold display.

Data:

Add a data table (graph, chart, etc.) that will display the data that you gathered during your experiment. Be sure that you list any measurements using the correct metric units.

Analysis:

Create a graph that shows the data that you collected. Be sure and label your graph correctly and use the correct metric units.

Conduct the appropriate statistical analysis of your data. This will show if your findings are or make a significant difference. Print this and place on your display board.

Conclusion:

Make sure that when you write your conclusion that you include:

1. Answer the 'research question'...this is your claim
2. Write down the supporting evidence and tell where the reader can find it...on your graph, in the data table even pictures can be referred to if they are included.
3. Include statistical analysis of the data here.
4. Explain how the data supports your answer. Give examples of how this applies to other phenomenon.
5. If your hypothesis was incorrect explain what you learned from this project.

Print this and place it on your display board.