**Creating and Exhibiting a Display: Science Fair Success**

1. Create your display board within the appropriate parameters.

2. Display your results in a clear and interesting manner.

3. Prepare for Oral Presentation of your project.

**Materials Needed for Success:**

Project Display Board

Display Board Design

Construction Paper or Card Stock

Rubber Cement or Double-Sided Tape

Paper Cutter

Lettering (pre-made, stencils, or computer-generated)

Border (optional)

Computer/Printer

Science Project Journal

Science Project Report

Student Progress Report

**Creating Your Display Board**

* **General Guidelines**:
	+ - **BEFORE YOU GLUE ANYTHING DOWN, LAY THE BOARD ON A FLAT SURFACE AND ARRANGE THE MATERIALS!!!**
		- Your display should be neat and well organized.
		- Your display board should contain no spelling, grammar, or typing errors.
		- Create a balanced display. This means evenly distribute the materials on the board so they cover about the same amount of space on each panel. Do NOT leave large empty spaces on the display board.
		- Limit the number of colors. Color is useful, but too many colors can be distracting. Avoid fluorescent colors.
		- You may be able to copy and use parts of your report for your display, but you will need change print size **and separate headings from text**.
		- Headings must be large (about 48 font) and dark enough to read easily from about 2 meters away.
		- All headings should be the same size and font. (**Exception:** the Title)
		- Lettering can be purchased at office supply stores. You can also stencil your own letters on construction paper or card stock and cut them neatly or use a computer to print the title and other headings.
		- Do NOT handprint ANYTHING on the display board.
		- **ALL** **headings and text should be backed with construction paper or card stock!** Leave a border of about ¼ to ½ inch around the edges of each piece of typed material.
		- Use a paper cutter so that all edges will be straight.
		- Use rubber cement or double-sided tape to attach papers. White school glue causes paper to wrinkle.
		- Your display includes: the display board, science project journal, and science project report.

**Parts & Definitions:**

* Your display board should have the following:
	+ - Title
		- Purpose
		- Hypothesis
		- Variables
		- Abstract
		- Materials Needed
		- Procedure
		- Data
		- Results
		- Conclusion
* **Title:**
	+ - The first part of the title, (short and catchy), should appear large and centered.
		- The second part of the title, (The Effect of \_\_\_\_\_ on \_\_\_\_\_), should appear slightly smaller and centered below the first part.
* **Purpose:**
* The Purpose should be stated in the following manner: The purpose of this experiment was to determine the effect of \_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_.
* **Hypothesis:**
* The Hypothesis should be stated as was approved on your “Hypothesis Approval Sheet” using the “If…, then… because…” format.
* **Variables:**
* The Variables includes your independent variable, dependent variable, constants, control and uncontrolled variables and should be labeled as such.
* **Abstract:**
* The Abstract should be typed, double-spaced, and should not exceed 250 words.
* **Materials Needed:**
* The Materials Needed includes a **LIST** of the materials used in your experiment **and the amounts of each.**  Do NOT list and separate with commas. List them one below the other.
* **Procedure:**
* The Procedure includes your experimental procedure **LISTED** step-by step as it appears on the “Procedure” page of your science project report. Be sure to number each step. List steps one below the other.
* **Data:**
* The Data includes your computer-generated data table(s) **and** graph(s).
* **Results:**
* The Results on your display board is the same as your “Data Analysis” in your science project report.
* **Conclusion:**
* The Conclusion on your display board is the same as the “Conclusion” in your science project report.
* Attached is the Display Board Design for you to use when arranging your display board.

**Oral Presentation:**

* When preparing for your presentation, make a few notes about your project such as:
* List the most important things to tell someone who has never seen my project before?
* Explain why your subject interested you.
* Define the hypothesis you developed.
* Outline your experimental procedure.
* Summarize the data you actually collected.
* Explain the conclusions you made after you analyzed the data.
* Describe what you would do differently if you had another chance and why.
* It is in your best interest to practice your presentation.
* Practice explaining your project to someone who knows nothing about it.
* Your family and your classmates are good audiences.
* Be sure to use your display in your presentation.
* Dress neatly.
* If you become nervous, take a deep breath and remind yourself that you are the expert on your project!