Science Project Display Board

Boards should include:

- **Title**
- **Problem Statement or Question** (the purpose of the experiment / the question you are trying to answer)
- **Background Research** – this is a summary of the research that you did on your topic before you made a hypothesis. It includes why you chose the topic and what you already knew about the topic.
- **Hypothesis** – a sentence to state what you think the answer to the problem is, based on your background research and prior knowledge
- **Experimental Procedure** – the steps you followed to conduct the experiment. Include a description of the control group and the experimental group, including independent and dependent variables and the controlled variables.
- **Data and Analysis**– the data you collected shown in a data table and graph
- **Conclusion** – this is <u>not</u> a statement to show you've "proven" something. This should include what the results showed and if your hypothesis was supported or not supported by your data. Remember, scientists often conduct experiments where the data does not support the hypothesis. The conclusion should also include your analysis of why you got the results you did, what your next steps might be, and what applications your experiment might have.
- **Abstract** – this is a one page **summary** of your experiment, (**<u>250 word maximum</u>**) that includes: a. problem statement (purpose), b. procedure, c. data, d. conclusion
- **Bibliography** – written in proper form to give credit to those whose information you researched or used

What Should Be Displayed on Your Science Project Board
(A typical board layout)

Display Do's and Don'ts

Display Board:
Tri-fold boards work well but you are not limited to them. You could also creatively make your own board. Tri-fold boards can be found at office supply stores or perhaps your teacher has one that you can use. **Boards should be self-supporting with a maximum size of:**

- 30 inches (76 cm) Deep
- 48 inches (122 cm) Wide
- 108 inches (273 cm) High (including table, if used). Fair-provided tables are @ 36 inches (91 cm) tall

***The displays <u>may not</u> contain:**

- Plant or animal matter
- Microbes
- Food (human or animal)
- Soil or waste
- Poisons
- Drugs, including over-the-counter medication
- Water or chemicals
- Highly flammable materials
- Sharp or dangerous material, including glassware
- Copyrighted material or information copied from the internet

***If you feel that you need any of the above items, consider taking pictures of them and include the photos on your board.**
Important info to know before you choose a topic:

- Projects involving any kind of human, animal subjects, including pathogens require special forms and prior approval.
- Photos of people other than yourself or immediate family require special forms and prior approval.
- No pictures of people or animals in inhumane conditions.