

Setting Up Your Standard Science Exhibit Display

Here are some helpful hints when you are done with your experimentation:

- A tri-fold is the most common type of display board. One from the school store costs \$4.00.
- Your display cannot be just poster board, since it cannot stand up unattended. The display should be a full-size display board, approx. 90 cm tall by 135 cm wide.
- The display should focus on important elements of the Scientific Practices:

Topic/Title (“The Effect of _____ on _____”); *Question*; *Hypothesis* (a simple statement that answers the question); *Prediction* where you write the hypothesis, using IF, Then and BECAUSE to explain your thinking; *Article about Topic* from the Internet, which explains something about your experiment and includes a *Works Cited*; *Experiment* with a *List of Materials* and a set of step-by-step *Procedures*; *Results* where you record results in a journal and organize your results in charts, graphs, and/or tables; *Discussion* where you write about the CLAIM (your prediction), the EVIDENCE (your results,) and the REASONING (Does the evidence fully, partially, or not support your claim?) Make a new hypothesis and prediction, if necessary, or rewrite the old ones, supported by the evidence. What unexpected results showed up? Why do you think they happened? Are your results reliable? Why do you think so? List the variables: Independent Variable, Dependent Variable, and any Controls; *Reflection* where you ask yourself these three questions and write the answers in paragraph form: What went well? What were problems? What could be done differently?

- The display should have the title and the following labels in large, colorful letters:

Question Hypothesis Prediction Article about Topic-(Optional) List of Materials
Procedures Journal Results Discussion Reflection

- Make your display colorful, organized, and neatly done. Put materials used for the experiment in front of your display.
- If using markers, do everything in pencil first.
- Be sure to use charts, graphs, tables, and/or comparative lists to display results.
- Put your heading on the back of your display board.

