Science Display Layout

This is the order of your labels to set up your display.

The placement of 3/2/3 labels does not have to be explicitly followed. *If you have a larger material list and cannot fit it on the left side, then place it at the top middle section. The order has remained the same but the location has changed.*

Reminder:

Your titles vary depending on the type of project: math, science or STEM. See below

SAMPLE SCIENCE BOARD LAYOUT **Project Title** PURPOSE CONCLUSION A conclusion explains the results and The purpose describes the how, what, when, outcome of your investigation. It should either where, which, or why about your PROCEDURE confirm (agree with) or reject (disagree with) investigation. It is a written statement about your original hypothesis. Explain your results the idea or question you want to learn more The procedure is the steps of your experiment. Your using the claims (patterns) and evidence (data) about. Before writing your purpose, research experiment should be designed to tests your the idea or question. Read to find out as you gathered in the last step. The more hypothesis. List all the steps in their order of operation. sentences you write, the stronger your much as you can about your topic in a library. Be clear and keep it simple. Another scientist should be conclusions. media center, or on the internet before able to replicate your experiment by following your starting your experiment. procedure. Ask your teacher or parent to check your REAL WORLD CONNECTIONS procedure to make sure it is safe and doesn't harm you or your test subjects. All investigations **MYPOTHESIS** Involving animals or humans as subjects must Real Life Connections explain how your submit Approval Forms before starting. The hypothesis is a prediction that can be project relates to the real-world and how it tested. It is usually written in the form of a pertains to everyday life. Does it help testable question describing what you think plants, animals, people, or the earth? will happen. It could also be written as an Could it create new lobs or work? Could it "If _____ then _____ "statement. Your become a new product or technology? DATA TABLES research should help you write a testable How does it benefit or apply to our everyday experiences? Data are your recorded observations during each experimental trial. First, decide how you will MATERIALS observe and measure your data as you experiment. Try to have a balance of quantitative (number and This is a list of all the materials and tools units) and qualitative (descriptions) data. Organize Pictures of Trials used in your experiment. Write a list your data into a data table. Include the data from Including each material by quantity (how three (3) trials so it is easy to compare data sets Graphs of Data much of it you use). and identify any trends (patterns).

MATHEMATICS

Problem/ Question
Hypothesis/ Conjecture
Materials
Procedures
Data Tables
Conclusion and Proof
Real World Connections

SCIENCE

Purpose
Hypothesis
Materials
Procedures
Data Tables
Conclusion
Real World Connections

STEM

Problem/ Question
Explore/ Hypothesis
Design/ Plan
Materials
Create/ Procedures
Improve/ Test
Data
Share/ Conclusion
Real World Connections