



San Benito County Office of Education

Krystal Lomanto, County Superintendent of Schools

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Science Fair- Experimental Projects

Experimental Projects must follow the guidelines of the scientific method. Be careful of questions that start with “How does...?” This is often a demonstration, as in “How does a fish swim?” or “How does a volcano erupt?” The problem should be one that you don’t already know the answer to.

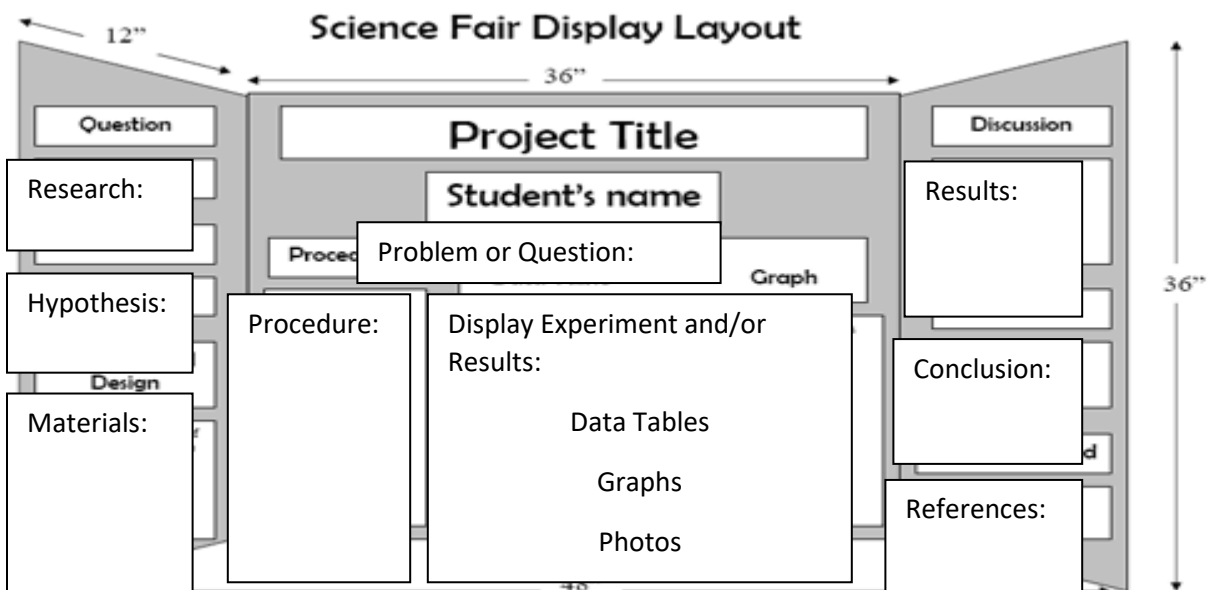
The Scientific Method

- Problem or Question: This is where you state a problem, usually in the form of a question.
- Research or Observation: Write a brief summary of all the information that you have found on your subject.
- Hypothesis: You write down your answer to your problem. This is not a guess but an answer based upon knowledge obtained upon research or observation.
- Materials: List the items you used to do this experiment.
- Procedure: Write down all of the steps you used to administer your experiment.
- Results: Explain the observations and measurements of your experiment. Tables of information to organize your data or graphs to present are very important here.
- Conclusion: Try to answer your hypothesis. Were you right or wrong? Remember, some of the best experiments prove their hypothesis wrong! Always use your experimental data from your results to support your conclusion.
- References: Cite all of the references that you used for this experiment.

Maximum Width: 4 Feet

Maximum Depth: 2 ½ Feet

Maximum Height: 6 ½ Feet



Remember: Do not display your name or photos of you on the front of your display. Write your name on the back!