Science Fair Project Guidelines

Your chosen Science Fair topic is due on _____.

Your completed Science Fair project is due on _____.

Project Display Criteria

Your Science Fair project should be presented on a tri-fold display board (available at office supply stores). It should include the following:

- Title: The title tells at a glance what subject matter your experiment addresses.
- Question: The question describes what you tested. For example, "Do plants grow faster in sunlight or darkness?"
- Hypothesis: Your hypothesis states what you thought would happen in your experiment.
- Materials: Include a list of items that were needed to conduct the experiment.
- Procedure: Create a list of the steps you followed to conduct the experiment.
- Results: Organize and display data collected during the experiment, such as notes, graphs, or charts.
- Conclusion: Write a paragraph that answers the question, includes your analysis of the results, and explains whether it proved your hypothesis.

Helpful Tips

- Choose a fun topic. Focus on a subject that interests you or something you are naturally curious about.
- Make new discoveries. After you choose your topic, take time to research the subject before diving into the experiment. Be on the lookout for key scientific theories or math concepts that are likely to help you predict and explain your results.
- Stay organized. Keep a detailed record of your procedures and observations in a journal. Review your notes to help you interpret your results.
- Use the scientific method.
    1. Ask a question and gather background information.
    2. Form a hypothesis (educated guess) about what will happen.
    3. Test your hypothesis by performing an experiment.
    4. Show your procedures and analyze the results.
    5. Draw a conclusion that answers the question.
- Choose one variable. To ensure your experiment is fair and accurate, change only one variable and keep all other conditions the same.
- Keep your focus. Remember that the key to a good Science Fair project is learning something new! Don't be discouraged if your hypothesis is not proved to be correct.