

General Guidelines

Well-Designed Science Investigation	Well-Designed Technology Project
<p>Testable Question A question that can be answered through an investigation.</p>	<p>Purpose What is the focus of your project? Why did you choose this as your focus?</p>
<p>Hypothesis (Prediction) A statement about what may happen in the investigation based on prior knowledge and/or evidence from previous investigations.</p>	<p>Application How can the technology you used be helpful to other people?</p>
<p>Well-Designed Procedure Directions – Logical steps to follow. Materials – Things needed for the investigation. Variables – Factors that affect the results. Data Collection – Results recorded in tables or graphs. Repeated Trials – Compare results to other tries.</p>	<p>Well-Designed Procedure Directions – Logical steps to follow. Materials – Things needed for the technology project. Challenges – Factors that affect the results.</p>
<p>Conclusion/Results Report what the data shows from the investigations.</p>	<p>Reflection How can you use this example of technology in other ways?</p>
<p>Next Steps Would you do anything different next time? What else could you investigate?</p>	<p>Next Steps Would you do anything different next time? What did you learn about technology that will help you when you do other projects?</p>

Display Guidelines

Science Project displays should include

- Student name, grade and teacher on the front of the display board
- The title of the project at the top of the display board
- A section for each of the following
 - Hypothesis – written in complete sentences
 - Materials – a list
 - Procedure – a step by step explanation
 - Results – displayed in a chart, table, and/or graph
 - Conclusion – written in complete sentences

Technology Project displays will vary. Each project should include

- Student name, grade, and teacher clearly visible
- The title of the project clearly visible
- A written explanation including the following
 - The purpose of the project
 - Steps taken
 - Materials used
 - Usefulness of applied technology
 - Problems that may have occurred

Participants will not be required to present their projects. However, please be prepared to answer questions the night of the Expo.

