

RES STEM Fair Rules & Guidelines

Students can enter projects in fields of Science, Technology, Engineering and Math. A STEM project is a demonstration of a solution, idea or hypothesis that students have developed related to a topic of interest or ways to solve a problem.

Overall step-by-step process to share with your student:

1. Pick a topic of interest/problem they want to solve
2. Research this topic or issue.
3. Create a Hypothesis or solution from this research.
4. Run an experiment to test this hypothesis or use critical thinking to support your solution.
5. If applicable, construct an exhibit or visual with your results.
6. Write your poster for display at the STEM Fair.
7. Practice presenting.

Rules & Guidelines

All projects must represent the sole original work of the author(s). Students are encouraged to seek advice and information from others, but they must make all important project decisions and collect and analyze data. Students may utilize adult assistants in carrying out potentially difficult activities.

Acknowledge all sources. Each presentation must have an acknowledgment section which identifies all source materials (including expert advice and individuals who provided substantive assistance). Any citation format that provides enough information for fair organizers to locate the original information source is acceptable.

Responsible research conduct. Researchers must behave in an ethical fashion in all aspects of research.

Display guidelines. All entries must be displayed cardboard display trifold board (provided by the PTO). The final display must stand up without human assistance.

Samples with loose soil or other spillable materials should be securely sealed.

Objects and inventions that need power cords require prior approval by the STEM fair coordinator (please email the RES PTO if this applies to your project). A limited number of powered display spots will be available.

Items not allowed in the display: spillable liquids, hazardous materials, flames, unsecured glass ware, live animals, fungi, bacteria, deceased specimens with decay, anything potentially spillable and moving objects that present a hazard to people or other displays. Use pictures of these objects instead.

Projects should be set-up in the Little Theatre the morning of May 28th when the STEM Fair begins. There will be an area designated in the Little Theatre for your posters and projects.

May 29th 5-7pm - Ceremony & Awards

Participants and their parents are invited to this event. Projects will be grouped into categories by grade. Three students from each category will receive awards (1st, 2nd & 3rd) which consists of ribbons and certificates. There will also be awards for honorable mention.