

Community STEM Showcase Expectations for Participants

Friday, February 9, 2024 from 4:00-6:00pm

Brown County STEM Innovation Center

GENERAL INFORMATION:

- All materials costs are the responsibility of the participant.
- You can register as a single participant or with a group of up to 4 participants.
- The display space for the project is half of an eight foot table (approximately 4'x2'). A table will be provided.
- The project display should be a presentation about an experiment or design that was completed prior to coming to the STEM Showcase. The STEM Showcase is **NOT** a place to perform an experiment or demonstration. It is presentation based only.
- Plagiarizing is not allowed. All projects need to display a bibliography (the list of books and websites used gather information).
- Participants are expected to be at their boards for the duration of the STEM Showcase. During the STEM Showcase, participants will be presenting their findings to others who stop by to see what they have done.

STEPS TO SUCCESS:

- Choose a topic or project. Be sure it interests you! Don't pick one because you think it will be easy. If you are unsure where to start, use this [Topic Selection Tool](#) to help you! Talk it over with various people and when you have decided, register for the event.
- Follow either the scientific method, if your project asks a scientific question, or the engineering design process, if your project identifies a problem to solve, to complete the hands-on part of your science fair project. Use this [tool](#) to compare the scientific method and engineering design process if you aren't sure what best fits your plan.
- Create a science fair display board that explains what you did, shows your data, and presents your conclusions. Use this [tool](#) to help you plan your board.

Your board must contain the following criteria:

- Title of project
 - Statement of purpose
 - Materials
 - Research with bibliography
 - Data
 - Conclusion
 - Next steps
 - **You can always add more information, but this is the minimum.**
- Practice answering questions and talking about your science fair project so that you are ready to discuss it with those who come and visit your board.

Community STEM Showcase Safety Regulations

Allowed at Project with the Restrictions Indicated

- Electricity will be **allowed if arrangements are made prior to day of event** (see registration form).
- Soil or waste samples **if permanently encased in a slab of acrylic.**
- Postal addresses, www and e-mail addresses, telephone numbers, and fax numbers **of entrant only.**
- Only photographs (i.e. visual depictions) of the entrant, the entrant's family, photos taken by the entrant, and/or photos for which credit is displayed (such as from magazines, newspapers, journals, etc.) **if not deemed offensive** by the Scientific Review Committee.
- Any apparatus with unshielded belts, pulleys, chains, or moving parts with tension or pinch points **if for display only and not operated.**
- Large vacuum tubes or dangerous ray-generating devices **if properly shielded.**
- Empty tanks that previously contained combustible liquids or gases **if certified as having been purged with carbon dioxide.**
- Pressurized tanks that contain non-combustibles **if properly secured.**
- Any apparatus producing temperatures that will cause physical burns **if adequately insulated.**
- Make sure your display is sturdy and will not fall over.

Not Allowed at Project or in Booth

- Prior approval is required for any living organisms, including plants. Please contact The Einstein Project if you intend to bring organisms.
- Taxidermy specimens or parts.
- Preserved vertebrate or invertebrate animals.
- Human/animal parts or body fluids (e.g. blood, urine; exceptions: teeth, hair, nails, dried animal bones, histological dry mount sections, and completely sealed wet mount tissue slides).
- Laboratory/household chemicals.
- Poisons, drugs, controlled substances, hazardous substances or devices (e.g. firearms, weapons, ammunition, reloading devices).
- Dry ice or other sublimating solids.
- Sharp items (e.g. syringes, needles, pipettes, knives).
- Flames or highly flammable materials.
- Batteries with open-top cells.
- Awards, medals, business cards, flags, acknowledgments, etc.
- Photographs or other visual presentations depicting vertebrate animals in surgical techniques, dissections, necropsies, or other lab procedures.
- Active internet connections as part of displaying or operating the project.