



Helpful Websites

- **Virtual Science Fair from ISEF 2022** - projectboard.world/isef
 - Explore past projects to help brainstorm ideas of your own!
- **ISEF Rules Wizard** - ruleswizard.societyforscience.org
 - Determine what forms are necessary for your project
- **OSSEF YouTube Channel** - <https://ossef.okstate.edu/>
 - Watch videos to understand & learn how to complete the different ISEF forms

Check these
out!

Reasons Projects are Rejected

- **Incomplete Student Checklist (1A)**
 - Must include *proposed* and *actual* start and end dates
 - Must include a *detailed research plan*
 - Must have all *work site* information completed
- **Missing signatures on required forms**
- **Missing additional forms for human, vertebrate animal, or hazardous agent testing** (see Required and Additional Forms for more info)
- **Incorrect or incomplete Abstract**
 - Must be in the proper format and must be without acknowledgments
- **Does not reflect the current year's work done by the student(s)**
- **Does not include prior year's paperwork (*for continuing projects ONLY*)**
 - Continuing projects, even those with a clear demonstration of significant progress, must provide prior year's research (1A and Research Plan attachment)
 - Consider the project a continuing project if prior work has been done in the same general research area

Tips for Success

- **Be sure projects are entered in the *appropriate category*.**
 - Example: a project researching the effectiveness of heart monitors should NOT be entered in Plant Science.
- **Be sure *all documentation* is complete and thorough.**
 - *More detail is ALWAYS better!*

Ask TRSA
if you have
questions!



Need Help? Ask TRSA!

Joining the Science Fair can seem like a daunting task, but the Tulsa Regional STEM Alliance is here to help you and your students in any way we can! Check below for ways to get help from TRSA:

Black Friday Grant Request Form

Do your students need materials to complete their projects? Materials like: slides, microscopes, beakers, pipets, soldering irons, or even poster board and markers?

If so, check out **TRSA's Black Friday STEM Grant** to apply for materials! Grant is open from **Nov. 1st - Dec. 1st, 2022**. Visit tulsastem.org/grants to apply.

Note: After the Black Friday STEM Grant closes, materials & resources for the Science Fair can still be requested through the **TRSA STEM Shoppe!** Visit tulsastem.org/shoppe to apply.

Unsure of who to ask to be a professional STEM mentor for your students' projects? TRSA can try to match you with a professional scientist based on their project's needs!

Email abigail.vensel@tulsastem.org to request a connection with a mentor. Please include a description of your student's project and their potential needs.

Find a mentor

Science Fair Office Hours

Want to connect with someone from TRSA to answer questions you have about registration, STEM Wizard, ISEF Rules, or project ideas?

Join an informal **Science Fair Office Hour!** Get the help you need to set yourself and your students up for success. Register for an office hour at tulsastem.org/trsa-events. (Zoom links will be sent in your confirmation email.)

Science Fair Office Hours

Wed. Nov. 16, 4 - 5 pm

Thurs. Dec. 8, 4 - 5 pm

Mon. Jan. 23, 4 - 5 pm

Thurs. Nov. 17, 5 - 6 pm

Fri. Dec. 9, 3 - 4 pm

Tues. Jan. 24, 5 - 6 pm



Required and Additional Forms

All Projects

- **Checklist for Adult Sponsor (1)** - *be sure all sections are completed*
- **Student Checklist (1A)** - *be sure to include tentative and actual start dates, and end date; complete all fields*
- **Approval Form (1B)** - *some research requires prior approval*
- **Research Plan / Project Summary** - *be as detailed as possible; must include a bibliography*

Additional Forms

- **Regulated Research Institutional / Industrial Setting Form (1C)** - *completed when research is being conducted somewhere other than home, school, or field*
- **Qualified Scientists Form (2)** - *must be completed before experimentation with humans, vertebrate animals, and potentially hazardous chemical and biological agents*
- **Risk Assessment Form (3)** - *must be completed before experimentation with hazardous chemicals, activities, or devices; may be needed for other projects*
- **Human Participants Form (4)** - *IRB approval needed before recruitment or data collection*
- **Human Informed Consent Form** - *must provide evidence of informed consent for research involving human participants*
- **Vertebrate Animal Form - (5A)** *for projects conducted in a school/home/field research site, (5B) for projects conducted at a Regulated Research Institution, IACUC approval required before experimentation*
- **Potentially Hazardous Biological Agents Risk Assessment Form (6A)**
- **Human and Vertebrate Animal Tissue Form (6B)** - *completed in addition to Form 6A when project includes the use of fresh or frozen tissue, primary cell cultures, blood/blood products, and bodily fluids*

Students will upload their completed forms into STEM Wizard.

All forms MUST be completed & uploaded by the deadline: Jan. 27, 2023 by 5 PM