Helpful Websites

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

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!
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:

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.

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.)

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.
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