

Salt Lake City School District Science & Engineering Fair and Invention Convention 2024!

Elementary SEF & IC is Online on 1/30

Middle School SEF & IC is Online on 1/31

High School SEF is In-person on 2/1 - Location TBA

All this information and more information can be found here:

<https://www.slcschools.org/departments/science/district-science-and-engineering-fair>

Contact Kristen Bonner, SLCSO Science & Engineering Fair
and Invention Convention Coordinator,

kristen.bonner_contractor@slcschools.org or indianhillsscience@gmail.com
for additional questions.

Thank you for participating!

Important Dates for Schools:

Please note the notation at the end of each bullet point for applicability: Applicable to only Science & Engineering Fair = (SEF). Applicable to both Science & Engineering Fair and Invention Convention = (SEF & IC).

- Complete Grades 5-8 USEF or 9-12 ISEF Forms before students begin their projects. Find the USEF/ISEF Forms [HERE](#). (SEF)
- If your school fair would like to use the free Science Fair Tools judging app and desktop program, register by 12/1/23 [HERE](#). (SEF & IC)
- If your school would like to have access to use the paid [Data Classroom](#) desktop program for free, register by 12/1/23 [HERE](#). (SEF & IC)
- Complete your School Fair by 1/19/24. (SEF & IC)
- Submit PDFs of completed Grades 5-8 USEF Forms and additional permission slips (if required) by 1/26/24 in your school folder [HERE](#). (SEF)
- Grades 9-12, submit your completed ISEF Forms by 1/19/24. (SEF)
- Each school that participates is responsible for registering 3-5 judges for District Fair by 1/12/24. (SEF & IC)
 - Elementary Fair Judges register [HERE](#).
 - Middle School Judges register [HERE](#).
 - High School Judges register [HERE](#).

- Register student projects for District Fair by 1/23/24, [HERE](#). (SEF & IC)
 - Elementary Schools:
 - a. 1 - 25 school fair projects - 3 projects to SLCSO SEF & IC
 - b. 25 - 50 school fair projects - 6 projects to SLCSO SEF & IC
 - c. 50 - 100 school fair projects - 9 projects to SLCSO SEF & IC
 - d. 100+ school fair projects - 12 projects to SLCSO SEF & IC
 - Middle Schools: 12 projects to SLCSO SEF & IC
 - High Schools: 20 projects to SLCSO SEF
- A schedule and/or link to log into judging for judges and students will be emailed by 1/28/24. (SEF & IC)
- Elementary and middle school students will have 10 minutes to share their project PowerPoints with judges over Zoom. Judges will have 5 minutes to ask students questions about their projects. Students are responsible for being able to access and share their project PowerPoints during their judging session. High School Students will have 15 minutes to share their project boards with judges in-person and 5 minutes for questions. (SEF & IC)
- Science & Engineering Project Judging:
 - Elementary Judging is on Zoom on Tuesday, 1/30/24, 8 am - 3 pm, [HERE](#). (SEF & IC)
 - Middle School Judging is on Zoom on Wednesday, 1/31/24, 9 am - 3 pm, [HERE](#). (SEF & IC)
 - High School Judging is in-person on Thursday, 2/1/24, 9 am - 3 pm, Location TBA. (SEF)
- There will be an Awards Open House for projects that placed at SLCSO SEF & IC on Friday, 2/2/24 from 5-7 pm. Details & location TBA. (SEF & IC)
 - Teachers and student guardians of elementary and middle school students will be notified on 1/31/24 of the student projects that won awards at SLCSO SEF & IC and invited to attend the Awards Night Open House.
 - The elementary and middle school project trifold boards of winners should be dropped off at the SLCSO District Office Science Department or Indian Hills Elementary by 5 pm on 2/1/24. These will be set up and displayed for the Awards Open House on Friday.
- If students are unable to attend the Awards Open House, an announcement email will be sent on Friday, 2/2/24, by 10 pm. (SEF & IC)
- Top projects from SLCSO Science & Engineering Fair will advance to the [University of Utah Science & Engineering Fair](#) (USEF) in March of 2024. (SEF only)

Salt Lake City School District Science & Engineering Fair Grades 5-8 Rules:

1. Only 1-3 students per project.
2. Each project must submit a PDF of a completed [Elementary & Junior Division Science Fair Form](#) (USEF Form) signed by their guardian and teacher before beginning the project. This Form should be submitted to the school science & engineering fair coordinator. The school science & engineering fair coordinator will submit a PDF of completed USEF Forms to their school folder located [HERE](#).
 - This Form must be saved as a PDF using the following format: "last name_project title_grade." If the project title is long please shorten it to the first five words.
 - Information on how to edit a PDF can be found [HERE](#).
 - Information about Research Categories can be found [HERE](#).
3. If humans are part of the project then a nurse, psychologist, or doctor's signature is required on the USEF form BEFORE students begin their projects.
4. If humans are part of the project, under 18, and it is not their science fair project, then their guardians must give written and dated permission for them to participate in the project. These permission slips must be submitted with USEF forms (see Rule #2 for submission requirements).
5. The only nonhuman animals allowed in the projects are personal pets. If the projects include pets, the projects MUST NOT inflict any harm to the pets. If pets are part of the projects then a veterinarian's signature is required on the USEF form BEFORE students begin their projects.
6. Students in grades 5 & 6 can NOT grow mold or other microbes at home or in an elementary school. Students in grades 7 & 8 can only grow mold or other microbes in a science lab with a science teacher's supervision. Additionally, students must have a record of the proper disposal of mold or microbes.
7. Additional materials are strictly prohibited from judging interviews and tri-fold boards. This includes but is not limited to, samples of plants, molds and other microbes, and engineering prototypes.
8. Guardians of students are not allowed to attend the judging interviews unless there is a medical need.
9. Science & Engineering Fair projects may be completed using one of the following PowerPoint templates:

- a. [Short Slide Deck for Science Project](#)
 - b. [Long Slide Deck for Science Project](#)
 - c. [Short Slide Deck for Engineering Project](#)
 - d. [Long Slide Deck for Engineering Project](#)
- PowerPoint project slide decks must be saved as a PDF using the following format: “last name_project title_grade.” If your project title is long please shorten it to the first five words.
 - Students must be able to access and share their PowerPoints during judging. We suggested students create and store their PowerPoints in their SLCSO Microsoft 365 accounts.
 - Please do not add extra slides beyond what is allowed in the PowerPoint templates.
 - Photographs of students involved in the projects are allowed in the PowerPoints. Protect the identity of others by hiding their faces.
 - Animations and videos are not allowed in the PowerPoint. Students can share a video during the judge interview.
 - Company or University logos are not allowed in the PowerPoints.

Although SLCSO Science & Engineering Fair for elementary and middle school is online, we highly recommend students complete their projects in PowerPoint and print the PowerPoint Slides to create a tri-fold board. Tri-fold boards can be shared for an in-person school fair or as a school display for an online school fair. Additionally, tri-fold boards of award winners will be displayed at an Awards Open House.

10. Project lab journals are required. Students are encouraged, but NOT required, to upload one photo to their PowerPoint showing a completed page/s of their lab journal. The photo may alternatively show the lab notebook open to a completed page in front of a stack of all notebooks and/or binders used. If no photo is uploaded to their PowerPoint, students may bring their lab journal to their judging interview.
11. Tri-fold boards are required to be no more than 36 inches by 48 inches in size.

Salt Lake City School District Science & Engineering Fair Grades 9-12 Rules:

1. High school projects must follow International Science & Engineering Fair Rules. ISEF Rules can be found [HERE](#).
2. Additionally, high school projects must follow USEF General Rules. These Rules can be found [HERE](#).

3. Each project must submit Senior Division Student Paperwork for the University of Utah Science & Engineering Fair (USEF). This is the same paperwork as the International Science & Engineering Fair (ISEF). The paperwork can be found [HERE](#).
4. Science & Engineering Fair projects may be completed using one of the following PowerPoint templates:
 - i. [Short Slide Deck for Science Project](#)
 - ii. [Long Slide Deck for Science Project](#)
 - iii. [Short Slide Deck for Engineering Project](#)
 - iv. [Long Slide Deck for Engineering Project](#)
 - PowerPoint project slide decks must be saved as a PDF using the following format: “last name_project title_grade.” If your project title is long please shorten it to the first five words.
 - Students must be able to access and share their PowerPoints during judging. We suggested students create and store their PowerPoints in their SLCS D email accounts.
 - Please do not add extra slides beyond what is allowed in the PowerPoint templates.
 - Photographs of students involved in the projects are allowed in the PowerPoints. Protect the identity of others by hiding their faces.
 - Animations and videos are not allowed in the PowerPoint. Students can share a video during the judge interview.
 - Company or University logos are not allowed in the PowerPoints.

If students choose to use the PowerPoint templates, we highly recommend printing the PowerPoint Slides to create a tri-fold board.

Salt Lake City School District Invention Convention Rules Grades 4 - 8:
All Invention Convention rules, rubrics, and lesson plans can be found [HERE](#).