

SASEF Virtual Science Fair

With the current health concerns surrounding the coronavirus (COVID-19), the Southern Appalachian Science and Engineering Fair (SASEF) is hosting our event VIRTUALLY! If you do not wish to participate this year virtually, you can decide to continue your project based on ISEF guidelines (form attached).

Below we have outlined all you need to know to begin to prepare for upcoming uploads and deadlines to ensure your project participates in this year's SASEF.

Project Summary

Your project registration will need to include a Project Summary. This is very similar to the Project Report you uploaded for pre-approval earlier on, but also includes data and conclusions from your research project. For further instruction, please refer to the 2nd page of Form 1A.

The Research Plan/Project Summary should include the following:

- a. RATIONALE: Include a brief synopsis of the background that supports your research problem and explain why this research is important and if applicable, explain any societal impact of your research.
- b. RESEARCH QUESTION(S), HYPOTHESIS(ES), ENGINEERING GOAL(S), EXPECTED OUTCOMES: How is this based on the rationale described above?
- c. Describe the following in detail:
 - Procedures: Detail all procedures and experimental design including methods for data collection. Describe only your project. Do not include work done by mentor or others.
 - Risk and Safety: Identify any potential risks and safety precautions needed.
 - Data Analysis: Describe the procedures you will use to analyze the data/results.
- d. BIBLIOGRAPHY: List major references (e.g. science journal articles, books, internet sites) from your literature review. If you plan to use vertebrate animals, one of these references must be an animal care reference.

Project Report

All projects must include a completed Project Report that outlines all you did for your research project.

Project Reports include:

- Title
- Abstract
- Hypothesis
- Objectives
- Procedures
- Bibliography

PDF Version of Poster

In our normal SASEF fair, every participant would bring a poster to present and be judged. This year, we will be submitting PDF versions of our posters online. Please have prepared a PDF version. For more information about poster display guidelines, see the attachment.

Informative Video (optional)

Students have the option to prepare a maximum 10-minute video discussing their research project and poster. Videos would need to be uploaded to YouTube, and a space for the video link will be added to the registration site.

Rules for video:

- One video per science fair project
- Team projects can decide if they wish to do a video together, or have one team member do the video

Supporting Files

Many students bring additional files, photos, and examples to the fair in support of their poster and research project. Please prepare any additional support files in a PDF format. Some supporting files may include:

- Photos during research
- Additional charts
- Surveys that were given
- Consent forms

Please have ALL the above ready to go by Monday, March 23rd. All, with the exception of the video, will be required to be uploaded as a single **PDF**. We will have more information to come regarding project interviews with judges. Students (including ALL team members) will need **internet access on Tuesday, March 31st**.

Teachers – I have attached instructions on how you, as a teacher, can go into your student project accounts and assist with uploads.

Thank you,
Audrey