

Arkansas Junior Science and Humanities Symposium

Poster Presentation Requirements

The Arkansas Junior Science & Humanities Symposium (AJSHS) invites all high school students in Arkansas to compete in the AJSHS Poster Competition. Posters will be judged to select winners in categories that will be determined after registration for AJSHS closes. The poster session activities will be open to all AJSHS participants during designated times. During judging, all participants will be allowed in in the poster room but judges should be given preference to observing and asking questions during official judging time.

These requirements are for Arkansas JSHS poster presenters only.

Definition

The primary purpose of a poster is to communicate the results of the research or engineering investigation, data obtained, methodology, conclusions reached and recommendations for future research. A poster is a more concise visual presentation intended to attract the viewer to the highlights of the research and engage the viewer in an in-depth discussion.

A Statement of Outside Assistance Form will be required at the time of online registration for all poster presenters and will be provided to the judges by the AJSHS staff.

Abstract

AJSHS presenters must submit a 250-word maximum abstract in Word format. The abstract should accurately convey the essential nature of the research conducted and the most significant conclusions reached.

The format for the 250-word abstract includes 1-inch margins, keyed in 10 or 12-point font (Times or Times New Roman). Abstracts must be adequate in length but not exceed these specifications. The header preceding the abstract body must include:

1. Title of the research;
2. Authors name(s);
3. High school, high school city, high school state;
4. Name of teacher/mentor/sponsor and his or her organization. Precede the individual's name with a subheading (i.e. teacher, mentor, sponsor);
5. Include one line of space between the heading and the abstract body.

Abstract documents must be labeled as "Firstname Lastname Abstract".

Abstracts will be published in the *2024 Arkansas JSHS Abstract Catalog*. Please carefully proofread your submission since abstracts will not be proofread or edited. You do not need to print your abstract.

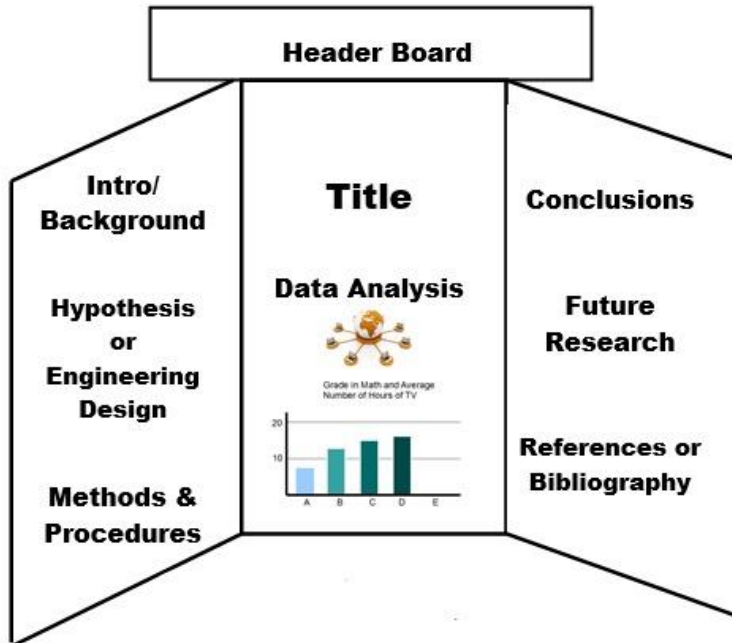


Statement on Outside Assistance

All AJSHS applicants prepare and submit a *Statement on Outside Assistance Form* as a part of their registration. This form requires students to report on their contributions to the research investigation.

Physical Poster Presentation Requirements

A suggested layout for the poster is presented in the below diagram.



Composition

The poster contains the following sections:

- Title
- Introduction/Background
- Hypothesis or Engineering Design
- Methods & procedures
- Results/Conclusions
- Conclusions
- References/Bibliography

Do not include an abstract on the poster board.

Display

- Tri-fold poster boards will be available for participating students when they arrive at the AJSHS. Provided poster board dimensions are 36" high x 48" wide. The poster board includes two folds; fold dimensions are 12" x 24" x 12". Use of the provided poster boards is optional.
- Other materials that will be provided include staplers, stick pins, double sided tape, clips, markers and scissors.
- Header boards are allowed and must be no larger than 10" high x 36" wide. The Header board should only contain a title. Header boards are not provided by AJSHS.
- Tables will be supplied.
- Students not using the supplied tri-fold boards need to meet the following size requirements
 - Depth (front to back): 30 inches or 76 centimeters
 - Width (side to side): 48 inches or 122 centimeters
 - Height (floor to top): 108 inches or 274 centimeters
 - If table is used the height of the table is included in the total height of the project. The height of provided table be 36 inches
- Posters should be readable from a distance of 4 feet.
- The Title should be at least one inch (72 pts) in height. The student's name and regional should be included and should be (48 pts). All other lettering should be in 24-point font size. (Point size indicated above is suggested size only).
- The poster should be balanced and organized in a logical, sequential order.
- Keep the amount of text to a minimum.
- There should be more emphasis on graphics, tables, charts, and graphs. These items should be cited on the poster board.
- Photographs in addition to other illustrations may be used. Figures may be in color.
- No hazardous materials are allowed. No laptops, tablets or other electronic devices are to be used. No specimens, no apparatus, no chemical reagents, no models, logbooks, or papers are to be used during the presentation. Only printed material, affixed to the poster, will be allowed for the poster presentation.

Judging

For the duration of the poster session, presenters should remain close to their posters and be available to answer questions and discuss their research. Judging criteria used by the judges follows below. Each judge is instructed to rank presentations based on the below criteria using a scale from 1 to 5. The scores are tallied for each presenter and used as the basis for discussion among judging team members.

- Statement and identification of research problem
- Scientific thought, creativity/innovation, appropriate duration
- Research or engineering design and procedures
- Logical conclusion relevant to the research problem. What was learned? Did student recognize contribution to the field?
- Skill in communicating results
- References stated

Poster Label Numbers

At registration, poster label numbers will be assigned to each student poster presenter by the JSHS staff. These numbers will also be assigned to preset tables so students will know where to display their posters.

AJSHS Poster Session Competition Contacts

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