

OVERVIEW

Using leadership and 21st century skills, participants design and build a project primarily made of wood based on an annual theme.

ELIGIBILITY

Three entries per chapter. Entries are limited to an individual (1) or a team of no more than three (3) individuals. An individual may not be included in more than one (1) entry.

ATTIRE

TSA competition attire is required for this event.

PROCEDURE

- A. Participants access the annual theme on the OKTSA website.
- B. Participants design and build a project made primarily of wooden material.
- C. Participants prepare their documentation according to the regulations.

REGULATIONS AND REQUIREMENTS

Students will work to develop their leadership and 21st-century skills in the process of preparing for and participating in this Oklahoma TSA competitive event. The development and application of those skills must be evident in their submission, demonstration, and or communication about the entry.

PRELIMINARY ROUND

- A. All aspects of the project must be the original work of the individual.
- B. The project must be designed and built solely by the individual during the current school year.
- C. The finished project must not exceed the dimensions of 15" deep x 30" wide x 48" high.
- D. The Documentation Portfolio
 1. Documentation materials (comprising "a portfolio") are required and should be secured in a clear front report cover with the following single-sided, 8 ½" x 11" pages in the following order:
 - a. Title page with the event title, the team identification number, the conference city and state, and the year, one (1) page
 - b. Table of contents, one (1) page
 - c. Project Description - A written overview that explains the purpose, functionality, and intended user or audience of the project. This section should also include a brief summary of the design process and how the final product meets the needs or goals identified. (*Limit: one page*)
 - d. Detailed Drawings - Technical drawings or sketches that accurately illustrate the design and construction of the project. Include dimensions and labels as needed.
 - e. Photograph - Include at least two high-quality color photographs documenting the **construction process** of the project. Photos should capture key stages of the build and reflect active student involvement. Each photograph must include a descriptive caption explaining the step or process being shown.
 - f. Material List - A complete list of all materials used in the construction of the project, including quantities and types of materials.
 2. Entries are reviewed by judges with neither students nor advisors present.

- a. Judges score the project criteria to determine the top twenty-four (24) preliminary contestants, which will not be posted.
- b. Judges score the Documentation criteria of those top twenty-four (24) contestants to determine the top twelve (12) semifinalist teams..

E. A list of twelve (12) semifinalists (in random order) will be posted.

SEMIFINAL ROUND

A. The Presentation/Interview

- 1. Participants report to the event area at the time and place stated in the conference program to sign up for a presentation/interview time.
- 2. Participants are allowed five (5) minutes to showcase their project.

B. Judges score the presentation/interview.

C. The top ten (10) finalists are announced via the OKTSA website.

EVALUATION

PRELIMINARY ROUND

Tier 1

A. The project

Tier 2

B. The documentation portfolio

SEMIFINAL ROUND

A. The presentation/interview

Refer to the official rating form for more information.

STEM INTEGRATION

This event has connections with the STEM (Science, Technology, Engineering, and Mathematics) educational standards.

PROJECT FAIR

2025 & 2026 OFFICIAL RATING FORM

MIDDLE SCHOOL & HIGH SCHOOL

Judges: Using minimal (1-4 points), adequate (5-8 points), or exemplary (9-10 points) performance levels as a guideline in the rating form, record the scores earned for the event criteria in the column spaces to the right. The X1 or X2 notation in the criteria column is a multiplier factor for determining the points earned. (Example: an "adequate" score of 7 for an X1 criterion = 7 points; and "adequate" score of 7 for an X2 criterion = 14 points.)

Go/No Go Specifications

- Before judging the entry, ensure that the items below are present; indicate presence with a check mark in the box.
- If an item is missing, leave the box next to the item blank and place a check mark in the box labeled ENTRY NOT EVALUATED.
- If a check mark is placed in the ENTRY NOT EVALUATED box, the entry is not to be judged.

- ☐ Project is present
- ☐ Documentation portfolio is present.
- ☐ ENTRY NOT EVALUATED

TIER 1 - PROJECT (80 points)				Record scores in the column spaces below
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points	
Creativity (X2)	The project lacks creativity; no, or very few, design principles are integrated in the project.	Some elements of creativity exist in the display, and essential design principles are generally evident.	The display exudes creativity; essential design principles and elements are well integrated.	
Project design and functionality (X2)	Project does not work as designed.	Project somewhat works as designed.	Project works as designed.	
Quality of workmanship (X2)	Glue joints, sanding and finish is unacceptable.	Glue joints, sanding, and finish is acceptable.	Glue joints, sanding, and finish are well done.	
Aesthetics and artisanship (X2)	Project is sloppy; seems to be an afterthought or thrown together.	Project is somewhat organized and aesthetically pleasing.	Project is cohesive and aesthetically pleasing.	
Complexity (X2)	Project is simple, not much skill required to complete	Project is at an intermediate level.	Project is at an advanced level.	
TIER 1 - PROJECT SUBTOTAL (100 POINTS)				

TIER 2 - DOCUMENTATION (30 points)				Record scores in the column spaces below
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points	
Portfolio (X1)	Portfolio is unorganized and/or missing three (3) or more components	Portfolio is missing one or two components and/or is loosely organized.	Portfolio has all required components in order and is well organized.	
Design Drawings (X1)	Drawings are unclear.	Project is drawn appropriately.	Clear and concise drawing of the project.	

List of materials and tools used (X1)	List of materials and tools is not included.	Partial list of materials and/or tools is included.	Complete list of materials and tools is included.	
TIER 2 - DOCUMENTATION SUBTOTAL (30 POINTS)				

PRELIMINARY SUBTOTAL (130 points)	
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Rules violations (a deduction of 20% of the total possible points for the above sections) must be initialed by the judge, coordinator, and manager of the event. Record the deduction in the space to the right.
Indicate the rule violated: _____

SEMIFINAL PRESENTATION/INTERVIEW (40 points)				
CRITERIA	Minimal performance	Adequate performance	Exemplary performance	Record scores in the column spaces below
	1-4 points	5-8 points	9-10 points	
Knowledge (X2)	Participants seem to have little understanding of the concepts in their projects; answers to questions may be vague.	Participants exhibit an understanding of the concepts in their project.	Participant shows clear evidence of a thorough understanding of the project.	
Articulation (X1)	Communication of the project is unclear, unorganized, and/or illogical; leadership and/or 21 st century skills are not evident.	Communication of the project is somewhat logical and clear; leadership and/or 21 st century skills are somewhat evident.	Communication of the project is clear, concise and logical; leadership and/or 21 st century skills are clearly evident.	
Delivery (X1)	The participant is verbose and/or uncertain in their presentation/interview; participant's posture, gesture, and lack of eye contact diminish the delivery.	The participant is somewhat well-spoken and clear in their presentation/interview; participant's posture, gestures, and eye contact result in an acceptable delivery.	The participant(s) is/are well-spoken and clear in their presentation/interview; participant's posture, gestures, and eye contact result in an acceptable delivery.	
SEMIFINAL PRESENTATION/INTERVIEW SUBTOTAL (40 POINTS)				

Rules violations (a deduction of 20% of the total possible points for the above sections) must be initialed by the judge, coordinator, and manager of the event. Record the deduction in the space to the right.
Indicate the rule violated: _____

SEMIFINAL SUBTOTAL (40 points)	
To arrive at the TOTAL score, add any subtotals and subtract rules violation points, as necessary.	TOTAL (200 points)