

THEATRICAL SET DESIGN

OVERVIEW

Applying leadership and 21st century skills, participants demonstrate an understanding of, and aptitude for, architectural design along with the development of plans, construction and modeling techniques, and practices as applied to the theater industry. Participants develop a set of architectural plans and related materials for an annual theatrical set design challenge and construct a computer-generated model to accurately depict their design.

ELIGIBILITY

Open to high school chapters.

Three (3) teams of two to six (2-6) members per chapter may participate.

ATTIRE

TSA competition attire is required.

PREPARATION

- A. Participants select a play or musical of their choice to base their theatrical set design on.
- B. Participants must be prepared to make an oral presentation of the design concept which will include information on how it supports the script, as well as the practicality and usability of the set design.
- C. The design must be the work of the students and should be completely original.
- D. The set is to be designed for a stage of the chosen play or musical. Any mobile set pieces should fit within the wing/backstage area when not in use. Mobile set pieces should be included in the design presented.
- E. Participants will turn in their set and documentation portfolio to the display area at the beginning of the conference.

REGULATIONS AND REQUIREMENTS

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

PRELIMINARY ROUND

- A. The Documentation Portfolio
 - a. The documentation portfolio must be saved as a single, multi-page PDF document with the pages presented in the following order:
 - i. Title page with the event title, the conference state, the year, and the team ID number; one (1) page
 - ii. Table of contents; pages as needed
 - iii. A brief summary of the chosen play/musical, description of how the individual/team interpreted the design challenge and an explanation of the style and merits of the design concepts; two (2) pages
 - iv. A schedule of finish materials for all surfaces of the final set design, including colors, fabrics, building materials (samples may be included as supplemental materials); pages as needed
 - v. Initial design sketches of the set's design and floor plan with appropriate scale size noted on the drawing; pages as needed
 - vi. An elevation view of the design from the audience's perspective; pages as needed
 - vii. A suggested lighting plot for the set, pages as needed
 - viii. A 3-D modeling/rendering drawing of the individual/team's final design with appropriate details include; one (1) page
 1. Drawing must be appropriately scaled to fit the PDF format required for submission.
 - ix. Student Copyright Checklist; pages as needed
 - x. List of resources/references; pages as needed
 - xi. Nothing that identifies a participant's name, school, or chapter can be included on the model or in the documentation portfolio.
- B. Theatre Specifications
 - a. Proscenium opening: 38' wide and 20' high
 - b. Apron: 62' wide x 5' deep
 - c. The apron can be extended an additional 5' into the pit area in front of the stage. Any extension can be of the participant's design/shape, but must not extend further than 5' from the front of the apron.

- d. Stage - from the curtain line to the back traveler/cyclorama/scrim: 32'
 - e. Wings - from edge of proscenium opening to wall: 12' on each side
 - f. Exit Doors - there are two (2) 36" wide standard doors leading to dressing/green rooms/exits at the back of the stage, one on either side, 4' from the back wall.
 - g. Fly Space - There is no fly system above the stage; only a shallow working area for lighting systems.
 - h. Actor movement: Space should be allotted for actor movement.
 - i. Mobile Set Pieces: Any mobile set pieces should be to scale and included in the model.
 - j. Curtains: The stage is equipped with a grand drape just inside the proscenium opening, a teaser immediately behind with a tormentor. Three borders and legs are available for use (they can be adjusted for set design), and each wing has tabs to mask off-stage areas. (See this [illustration](#))
- C. The Model
- a. The model is to be on a 24" x 24" site board and built at a scale of $\frac{1}{4}'' = 1'$ (1:12 scale) and centered in the middle of the site board
 - i. Allow for a perimeter around the entire model
 - b. The following specifications must be met ([see blueprint of stage](#)):
 - i. Proscenium opening - 38' wide and 20' high
 - ii. Apron - 62' wide x 5' deep
 - iii. The apron can be extended an additional 5' into the pit area in front of the stage. Any extension can be of the participant's design/shape, but must not extend further than 5' from the front of the apron.
 - iv. Stage - from the curtain line to the back traveler/cyclorama/scrim: 32'
 - v. Wings - from edge of proscenium opening to wall: 12' on each side
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 - vii. Fly Space - There is no fly system above the stage; only a shallow working area for lighting systems.
 - viii. Actor movement - Space should be allotted for actor movement.
 - ix. Mobile Set Pieces - Any mobile set pieces should be to scale and included in the model.
 - x. Curtains - The stage is equipped with a grand drape just inside the proscenium opening, a teaser immediately behind with a tormentor. Three borders and legs are available for use (they can be adjusted for set design), and each wing has tabs to mask off-stage areas. (See this [illustration](#))
- D. Submission
- a. Participants will check in their entry (portfolio/display) at the time and place stated in the conference schedule. No more than two (2) team members may set up the display.
 - b. Submission information will be provided in the Colorado TSA State Competitive Events Guide.
 - c. Entries received after the time listed in the conference schedule will not be judged.
- E. Judges score the entries.
- F. Twelve (12) semifinalists are announced.
- ### SEMIFINAL ROUND
- A. The Interview
- a. Participants sign up for an interview time.
 - b. Participants are allowed up to five (5) minutes to respond to interview questions.
 - c. Participants may reference their portfolio and video.
- B. Judges score the interviews.
- C. The top three (3) finalists are announced.
- ### EVALUATION
- #### PRELIMINARY ROUND
- A. The documentation portfolio
 - B. The model
- #### SEMIFINAL ROUND
- A. The presentation/interview
- Refer to the official rating form for more information.

STEM INTEGRATION

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

LEADERSHIP AND 21ST CENTURY SKILLS DEVELOPMENT

This event provides opportunity for students to build and develop leadership and 21st century skills including but not limited to:

- Communication
- Collaboration/Social Skills
- Initiative
- Problem Solving/Risk Taking
- Critical Thinking
- Perseverance/Grit
- Creativity
- Relationship Building/Teamwork
- Dependability/Integrity
- Flexibility/Adaptability

CAREERS RELATED TO THIS EVENT

This competition has connections to one (1) or more of the careers below:

- Appraiser
- Architect
- Construction manager
- Urban and regional planner
- Stage manager
- Set designer

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2022 OFFICIAL RATING FORM

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; an "adequate" score of 7 for an X2 criterion = 14 points.) A score of zero (0) is acceptable if the minimal performance for any criterion is not met.

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.

- # Documentation portfolio was submitted
- # Model was submitted
- # ENTRY NOT EVALUATED

DOCUMENTATION PORTFOLIO (70 points)				Record scores in the column spaces
CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Portfolio (X1)	Portfolio is unorganized and/or is missing three or more components.	Portfolio is missing one or two components, and/or it is loosely organized, and/or it lacks sufficient content.	All components are included in the portfolio; content and organization are excellent.	
Summary of Script (X1)	The summary of the script is unclear or vague, and/or major grammatical/spelling errors are evident.	The summary of the script is included, but it is unclear and/or contains some grammatical/spelling errors.	The summary of the script is clear, effective and convincing, and without grammatical/spelling errors.	
Description of Design Interpretation (X1)	The description of the design and style is unclear or vague, and/or major grammatical/spelling errors are evident.	The description of the design and explanation of the style are included, but they are unclear and/or contain some grammatical/spelling errors.	The description and merits of the design and explanation of the style are clear, effective and convincing, and without grammatical/spelling errors.	
Schedule of Finish Materials (X1)	Many elements of the interior and exterior finish schedules are missing or incomplete.	Most, but not all, elements of the interior and exterior finish schedules are included.	All interior and exterior finish schedules/materials are detailed and explained in an exemplary manner.	
Drawings (X1)	A few of the required drawings are present, but they are lacking in quality.	Most, but not all, of the required drawings are included and are in the proper format.	All required drawings are included and are exemplary in format.	
3D Modeling or Rendering (X1)	The drawing is missing or poorly executed and does not use appropriate/necessary details of the design challenge.	The drawing is included, but it is missing some key elements and necessary details of the design challenge.	The drawing completely and effectively represents all aspects of the design challenge, including necessary details.	
Resources and References (X1)	There is little or no effort to provide resources and references.	Resources and references included are generally presented appropriately.	There is clear evidence of the appropriate use of applicable resources and references.	
DOCUMENTATION PORTFOLIO SUBTOTAL (70 points)				0

DESIGN CHALLENGE (50 points)				Record scores in the column spaces
CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Effectiveness of Design (X2)	The design is ineffective in meeting the needs of the challenge.	The design is somewhat effective in meeting the needs of the challenge.	The design is exemplary and clearly effective in meeting the needs of the challenge.	

Access and Flow (X1)	The design reflects an ineffective traffic flow pattern and use of space to gain access to the set.	The design reflects a somewhat effective traffic flow pattern and use of space to access the set.	The design presents a clear, effective traffic flow pattern and full consideration of the use of space.
Aesthetic Appeal (X1)	There is little evidence of consideration of aesthetics and audience appeal in the design.	There is some evidence that aesthetics and audience appeal have been considered in the design.	There is clear evidence that aesthetics and audience appeal are fully and effectively integrated into the design.
Creativity and Innovation (X1)	The design lacks originality and exhibits few, if any, creative and/or innovative applications.	Some unique, innovative, and creative concepts are incorporated in the overall design.	Unique, creative and innovative approaches have met the challenges of, and have been incorporated into, the design.
DESIGN CHALLENGE SUBTOTAL (50 points)			

0

MODEL (50 points)			
CRITERIA	Minimal performance	Adequate performance	Exemplary performance
	1-4 points	5-8 points	9-10 points
Quality of Model (X2)	Model is of poor quality & appearance, with little or no attention to neatness.	Model is somewhat neat and has appropriate quality and appearance.	Model is of excellent quality and exemplary appearance.
Design Representation (X2)	The model is ineffective in depicting the requirements of the design challenge.	The model is somewhat effective in depicting the requirements of the design challenge.	The model clearly and effectively incorporates and depicts all aspects of the design challenge.
Use of Materials (X1)	The choice of materials is ineffective and inadequate for the type and scale needed.	There is effective choice of materials and some attention to scale.	There is effective and excellent use of materials and accurate choice of scale.
MODEL SUBTOTAL (50 points)			

Record scores in the column spaces				
				0

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: _____

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PRELIMINARY SUBTOTAL (170 points)
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0

SEMIFINAL PRESENTATION/INTERVIEW (50 points)			
CRITERIA	Minimal performance	Adequate performance	Exemplary performance
	1-4 points	5-8 points	9-10 points
Organization (X1)	Team seems unprepared and unorganized for the presentation/ interview, with an illogical explanation of the project.	Team is prepared for the interview and is somewhat organized in its presentation to judges; team's presentation thesis is, for the most part, logical and/or clear.	Team's presentation/interview with judges is well organized; the interview is concise and logical, with a clear explanation of the development of the project.
Knowledge (X1)	Team members seem to have little understanding of the concepts in their project; vague interview answers are provided.	Team members have a generalized understanding of the concepts discussed and answer questions adequately.	Evidence is clear that team members have a thorough understanding of the concepts discussed; they answer questions thoroughly.
Articulation (X1)	Communication of the solution is unclear, unorganized, and or illogical; leadership and/or 21st century skills are not evident.	Communication of the solution is somewhat logical and clear; leadership and/or 21st century skills are somewhat evident.	The interview provides a clear, concise, and easy-to-follow analysis of the solution; leadership and/or 21st century skills are clearly evident.

Record scores in the column spaces				

Delivery (X1)	The team is verbose and/or uncertain in its presentation/ interview; participants' posture, gestures, and lack of eye contact diminish the delivery.	The team is somewhat well-spoken and clear in its presentation/ interview; participants' posture, gestures, and eye contact result in an acceptable delivery.	The team is well-spoken and distinct in its presentation/interview; participants' posture, gestures, and eye contact result in a polished, natural, and effective delivery.	
Team Participation (X1)	Only one person in the group communicates with judges; there is little or no participation from other team members.	Team members all participate to some extent and seem to understand the concepts.	Team members seem to fully understand the concepts and share an equal role in the interview.	
SEMIFINAL PRESENTATION/INTERVIEW SUBTOTAL (50 points)				0

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 (50 points)

0

To arrive at the TOTAL score, add any subtotals and subtract rules violation points, as necessary. TOTAL (220 points)

0