FASHION DESIGN AND TECHNOLOGY

OVERVIEW

Humans need protection from weather, environmental factors, occupational hazards, and other adversarial conditions. TSA members will demonstrate an understanding of and expertise in using research and design to convey a wearable technology concept.

Participants have the opportunity to research, design, and create a portfolio and wearable prototype that reflect the current year's published theme. Twelve (12) qualifying semifinalist teams participate in an onsite presentation/interview in which they present their garment designs to the judges.

The theme for the current year will be published on the national TSA website, under Competitions/Themes and Problems.

ELIGIBILITY

Three (3) teams of two to four (2-4) members per state may participate.

TIME LIMITS

1. Semifinalists will be allowed ten (10) minutes for a presentation/interview. A deduction of five (5) points will be incurred for exceeding the presentation/interview time limit.

2. The LEAP interview will be conducted immediately following the semifinalist presentation/interview and will last a maximum of five (5) additional minutes.

LEAP

A team LEAP Report is required for this event and must be submitted at event check-in (see LEAP Program).

ATTIRE

TSA competition attire is required for this event.

PROCEDURE

PRELIMINARY ROUND

1. Participants check in their entry and submit LEAP Reports at the time and place stated in the conference program.

2. Entries are reviewed by judges. Neither students nor advisors are present at this time.

3. A list of twelve (12) semifinalists (in random order) is posted.

SEMIFINAL ROUND

1. Semifinalist teams will sign up for times for their presentation/interview. These sessions are closed and will take place with judges only.

2. Semifinalists report to the event area at the time and place stated in the conference program.

3. Semifinalists use this assigned time to present their designs and answer questions from the judges.

4. Models will be present and wearing the prototypes designed by the team.

5. During the semifinalist round, participants will be allowed:

   a. ten (10) minutes to complete the presentation/interview, with two [2] minutes for setup

   b. three [3] minutes for the actual presentation, three [3] minutes for the interview

   c. two [2] minutes for removal of items

   d. Points will be deducted from a team's score for exceeding the ten (10)-minute time frame allowed for the semifinalist round.

6. The LEAP interview will be conducted immediately following the semifinalist presentation/interview.

7. Final evaluation by judges takes place immediately following the completion of the presentation.

8. The top ten (10) finalists will be announced at the awards ceremony.

REGULATIONS

PRELIMINARY ROUND

A. Participants will use a 32-quart plastic storage box to submit their portfolio, patterns, and any prototypes that are not placed on hangers or on mannequins.

B. Portfolio

1. Documentation materials (comprising "a portfolio") are required and should be placed and secured in a clear front report cover. (The portfolio must be submitted with the patterns and prototype.) The report cover must include the following single-sided, 8½" x 11" pages, in this order:

   a. LEAP Report

   b. Title page with the event title, the conference city and state, and the year; one (1) page

   c. Table of contents; one (1) page

   d. Literature research summary; two (2) pages

   e. Interpretation of theme; two (2) pages

   f. Explanation of the design and construction of the prototypes, textiles used, notions needed, sewing/construction techniques used, etc.; two (2) pages

   g. Design process sketches (hand-drawn); five (5) pages

   h. Computer-drawn final design print-outs; five (5) pages

   i. References /resources; two (2) pages

C. Patterns

1. Full-sized student-made pattern(s) must be included.

2. Patterns must be made of appropriate lightweight vellum paper.

3. Patterns must NOT be purchased.

D. Prototypes (garments)

1. Any type of prototype (garment) that is typical of responsible clothing design and creation is considered appropriate.

2. The purchase/use of special textiles (water/fireproof materials, etc.) is not required.

3. Information about textiles must be used in the research/design portfolio, but the prototype does not have to be constructed using these materials.

4. Prototypes for preliminary judging must be put on hangers (if applicable), or on dressmaker mannequins.

5. If the prototype is not a garment that can be placed on a hanger or mannequin, then it must be placed in the container with the portfolio and patterns.

6. The prototypes must be presentation quality.

7. All designs and prototypes/garments should be appropriate for viewing at the National TSA Conference.

8. The portfolio and patterns must accompany the prototypes.

E. Any portfolio or garment that depicts inappropriate or unacceptable designs will be disqualified.

F. All patterns and prototypes must be designed, sketched, computer-drawn, developed, and sewn by participants.

G. All garments must be the original work of the participants.

H. Only the required number of prototypes (garments) are to be submitted for evaluation. Additional items, including accessories and other garments, may be used only in the semifinalist presentation and may not be submitted for preliminary judging.

SEMIFINAL ROUND

A. The semifinalist portion of the event evaluates the quality of the team's presentation, as well as the team's knowledge and expertise pertaining to the entry in the following areas: overall prototype design and originality, research, theme, interpretation, construction/sewing techniques, and use of appropriate textiles/materials in the design.

B. Each semifinalist team must have access to student TSA member models and the team-created prototypes in order to compete in the semifinals. Models must be members of the team's TSA chapter.

C. LEAP Requirements

1. Teams document the leadership skills the team has developed and demonstrated while working on this event, and on a non-competitive event leadership experience.

2. Semifinalists will respond to questions about the content of their LEAP Report as part of their event-specific presentation/interview.

3. Specific LEAP Report regulations can be found in the LEAP Program section of this guide and on the TSA website.

EVALUATION

1. Points earned for the portfolio, patterns, and prototypes

2. The content and quality of the LEAP report and interview, and a presentation/interview (semifinalists only)

3. Points earned for the semifinalist presentation/interview will be added to the portfolio score to determine the final ranking of the top ten (10) finalists.

Refer to the official rating form for more information.

STEM INTEGRATION

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

CAREERS RELATED TO THIS EVENT

- Fashion layout editor
- Fashion magazine editor
- Fashion Merchandiser
- Model
- Tailor

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2019 & 2020 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.

☐ Portfolio is present.
☐ Patterns are present.
☐ Prototypes are present.
☐ Completed LEAP Report is present.
☐ ENTRY NOT EVALUATED

DOCUMENTATION (90 points)				Record scores in the column spaces below.
CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Portfolio components (X1)	Some parts of the portfolio are missing; the portfolio is unorganized, messy, and lacks quality.	Most components of the portfolio are present, organized, and adequate in quality.	All components of the portfolio are included; strong effort and quality of work are evident.	
Summary of research (X1)	The summary is too brief and/or lacks the appropriate details expected for the event.	The summary of the research is sufficient; most of the key details are included.	The summary is organized, clear, and concise, with appropriate and necessary details included.	
Interpretation of theme (X1)	The interpretation of the theme is very weak and unconvincing.	The interpretation of the theme is clear, with some appropriate justification.	The interpretation of the theme is clear, concise, and thorough, with convincing justification.	
Explanation of garment prototypes (X1)	The explanation is unclear, poorly organized, and/or does not accurately describe the garment prototypes.	The explanation is loosely organized, with adequate attempts to describe the garment prototypes and their production.	The explanation is clear, concise, and/or demonstrates extensive knowledge of garment prototypes and production.	
Design process sketches (X2)	Sketches are poorly executed and/or lack necessary details in the design process.	Sketches are complete as drawn and include most notations and references to the design process.	Sketches are well executed, organized, and clearly represent the design process.	
Computer drawings for final design (X2)	Computer drawings fail to accurately portray the final design; there are major omissions of important details.	Computer drawings somewhat accurately illustrate the final design, with many important details included.	Computer drawings of the final design are clear, accurate, and effectively portray the final product.	
Resources/references (X1)	Research is inadequate, with very few credible resources and references provided and/or documented.	Research is adequate, with most important resources and references adequately documented.	Research is comprehensive, and all resources and references are properly documented.	
DOCUMENTATION SUBTOTAL (90 points)				

PATTERNS (30 points)

CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Two or more hand-made garment patterns (X2)	Patterns are poorly constructed, and/or are missing key components.	Patterns are generally well constructed; some key attributes and designs are included.	Patterns are designed to detail standards and are of production quality.	
Creativity, originality, and difficulty (X1)	Patterns lack creativity, and/or originality, and/or difficulty in execution.	Patterns are of good quality and demonstrate some degree of difficulty and originality.	Patterns are of industry standard; they clearly demonstrate originality, creativity, and skill.	
			PATTERNS SUBTOTAL (30 points)	

QUALITY OF GARMENTS (30 points)

CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Proper sewing/ construction techniques used/ evident (X2)	Prototype construction fails to meet accepted standards and/or techniques of construction..	Prototype construction meets acceptable standards and construction techniques.	Prototype construction is of high quality and indicates use of a variety of appropriate techniques.	
Use of notions (buttons, zippers, snaps, embroidery, embellishments, etc) (X1)	Little or no use of notions is evident in the garments.	An adequate choice and variety of notions are appropriately used in the garments.	An excellent choice and variety of notions are used that enhance the overall appearance and quality of the garments.	
			PATTERNS SUBTOTAL (30 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: _____

PRELIMINARY SUBTOTAL (150 points)

SEMIFINAL PRESENTATION (70 points)

CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
Organization (X1)	Participants seem unorganized and unprepared for the presentation.	Participants are generally prepared for the presentation.	The presentation is logical, well organized, and easy to follow.	
Knowledge (X2)	Participants seem to have little understanding of the concepts in their project; answers to questions may be vague.	Participants exhibit an adequate understanding of the concepts in their project.	Participants show clear evidence of a thorough understanding of the project.	

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SEMIFINAL PRESENTATION (70 points) – continued

Articulation (X1)	The presentation provides an unclear, unorganized, and/or illogical description of the project.	The presentation offers a somewhat logical and easy-to-understand project description.	The presentation provides a clear, concise, and easy-to-follow description of the project.	
Delivery (X1)	The team is verbose and/or uncertain in its presentation/interview; participants' posture, gestures, and lack of eye contact diminish the interview.	The team is somewhat well-spoken and distinct in its presentation/interview; participants' posture gestures, and eye contact are acceptable.	The team is well-spoken and distinct in its presentation/interview; participants' posture, gestures, and eye contact result in a polished, natural, and effective interview.	
Quality of prototype on model (X2)	The prototype does not appear to fit and/or is inappropriate for the person modeling (color, style, textures, etc).	The prototype fits neatly and is generally well-made for the person modeling.	The prototype clearly is made and designed for the model—fitting nicely, with appropriate style, colors, textures, etc.	
			SEMIFINAL PRESENTATION SUBTOTAL (70 points)	
Time violation (a deduction of five (5) points total will be incurred for exceeding the semifinalist presentation time limit). Record the deduction in the space to the right.				

Record scores in the column spaces below.

SEMIFINAL LEAP INTERVIEW (22 points)

CRITERIA	Minimal performance	Adequate performance	Exemplary performance	
	1-4 points	5-8 points	9-10 points	
LEAP Report/ Interview (10% of total event points)	The team's efforts are not clearly communicated, lack detail, and/or are unconvincing; few, if any, attempts are made to identify and/or incorporate the SLC Practices and Behaviors.	The team's efforts are adequately communicated, include some detail, are clear, and/or are generally convincing; identification and/or incorporation of the SLC Practices and Behaviors is adequate.	The team's efforts are clearly communicated, fully-detailed, and convincing. Identification and/or incorporation of the SLC Practices and Behaviors is excellent.	
			SEMIFINAL LEAP INTERVIEW SUBTOTAL (22 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 (92 points)	
To arrive at the TOTAL score, add any subtotals and subtract rules violation points, as necessary. **TOTAL (242 points)**				

Comments:

_____

I certify these results to be true and accurate to the best of my knowledge.

JUDGE

Printed name: _____   Signature: _____

FASHION DESIGN AND TECHNOLOGY EVENT COORDINATOR INSTRUCTIONS

PERSONNEL

A. Event coordinator

B. Judge:

1. Preliminary round, two (2) or more

2. Semifinal round, two (2) or more

3. Timekeeper

MATERIALS

A. Coordinator's packet, containing:

1. Event guidelines, one (1) copy for the coordinator and for each judge

2. TSA Event Coordinator Report

3. List of judges/assistants

4. Pre-populated flash drives for judges

5. Stick-on labels for entries, as needed

6. Stopwatch, one (1)

7. Results envelope

8. Racks for hanging garments

9. Tables for entries

10. Envelope for LEAP Reports

11. LEAP Interview Judging Protocol

B. Tables and chairs for judges

C. Chairs for audience

D. One (1) table, approximately six feet (6') long, for judges

RESPONSIBILITIES

AT THE CONFERENCE

1. Attend the mandatory coordinator's meeting at the designated time and location.

2. Report to the CRC room and obtain the coordinator's packet; check the contents.

3. Review the event guidelines and check to see that enough judges and assistants have been scheduled.

4. Inspect the area in which the event is being held and check for appropriate set-up including sufficient number and size of tables.

5. At least one (1) hour before the event is scheduled to begin, meet with judges/assistants to review time limits, procedures, and regulations. If questions arise that cannot be answered, speak to the event manager before the event begins.

EVENT CHECK-IN

1. Collect entries and LEAP Reports from participants at the time and place stated in the conference program.

2. Anyone reporting who is not on the entry list may check in only after official notification is received from the CRC.

3. Late entries are considered on a case-by-case basis and only when the delay is caused by events beyond participant control.

PRELIMINARY ROUND

1. Judges independently evaluate each entry.

2. Decisions about rules violations must be discussed and verified with the judges, event coordinator, and CRC manager to determine either:

   a. To deduct twenty percent (20%) of the total possible points in this round or

   b. To disqualify the entry

   c. The event coordinator, judges, and CRC manager must all initial either of these actions on the rating form.

3. Judges determine twelve (12) semifinalists and discuss and break any ties.

4. Review and submit the semifinalist results and all related items/forms in the results envelope to the CRC room for posting.

5. Create and post a semifinalist sign-up sheet for each team's presentation.

SEMIFINAL ROUND

1. Conduct semifinalist presentations.

2. Allow the first team to enter the event room, and provide two (2) minutes for set-up of materials.

3. The event coordinator or assistant introduces the team by entry number only.

4. No nametags or clothing that give any indication of the hometown, school, or chapter are allowed.

5. Each team will be allowed three (3) minutes for the presentation and three (3) minutes to answer interview questions.

6. Each team is allowed two (2) minutes to remove all materials.

7. The LEAP interview will be conducted immediately following the semifinalist presentation/interview and will last a maximum of five (5) additional minutes.

8. Decisions about rules violations must be discussed and verified with the judges, event coordinator, and CRC manager to determine either:

   a. To deduct twenty percent (20%) of the total possible points in this round or

   b. To disqualify the entry

   c. The event coordinator, judges, and CRC manager must all initial either of these actions on the rating form.

9. Judges determine the ten (10) finalists and discuss and break any ties. (Determine the procedure for breaking ties before the onsite competition begins.)

10. Review and submit the finalist results and all items/forms in the results envelope to the CRC room.

11. If necessary, manage security and the removal of materials from the event area.