

2007 PA-TSA Judges Event Feedback

HIGH SCHOOL

Architectural Model

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Model parts should be cleanly and smoothly cut. Parts should fit together without gaps.➤ Read Judges' Score Sheet before competition to find items that judges want to see – most entries missed 1-2 components.➤ Mark parts that are removable so judges are aware.➤ Use color to create aesthetically pleasing models.	<ul style="list-style-type: none">➤ “Cheesy” landscaping. Good landscaping enhances the model. Bad landscaping detracts.➤ Furniture can clutter a model. If used, make it to scale. Furniture is not necessary.➤ Avoid glue marks.➤ Read rule D-2. The base must be foam board. Many entries lost 20 points on this regulation.➤ Avoid bases that are too large.

Career Comparisons

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Make sure that the name and other information on the resume, cover letter, and application all match. Anonymity is not important.➤ Make sure spelling and grammar are correct.➤ Content must be clear and concise. Format should be neat and consistent.➤ Make sure you have a pen. Eraseable pen works best.➤ Have complete information about the job shadow, interview, tour, or internship.	<ul style="list-style-type: none">➤ Make sure the notebook is complete and in order. Avoid turning in an incomplete notebook.➤ Be on time to the competition. Avoid lateness!➤ Avoid smudges, crossed out words and sloppy printing.➤ Avoid slouching during the interview.➤ Avoid coming to an interview without practicing.

Construction Systems

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Knowledge of building construction methods.➤ Knowledge of the different type of roof styles.➤ The ability to sketch and plan➤ Ability to work as a team	<ul style="list-style-type: none">➤ Avoid signing up for events that conflict.

Extemporaneous Presentation

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Information that shows knowledge of subject – specific references, examples.➤ Stage presence – stand confident, speak slowly with strong, varied voice.	<ul style="list-style-type: none">➤ Talking too fast➤ Giving generalities – avoid saying things like “studies show...” BE SPECIFIC!

Film Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ A purpose for filming that has some “worthy” merit (i.e. a film on the effects of Hurricane Katrina as opposed to senseless violence, nonsensical movie trailers)➤ A variety of film techniques, camera shots, music, pictures, etc.➤ A notebook that states a clear purpose with details about purpose and description. Notebook should include all parts. Parts should be typed.	<ul style="list-style-type: none">➤ Violence in the film for the sake of violence as opposed to supporting a worthwhile purpose.➤ A messy or too brief storyboard.➤ Avoid typos and other spelling errors.

Imaging Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Meeting all the rules➤ Strong images➤ Variety – different types of shots	<ul style="list-style-type: none">➤ Failure to read the directions, specifically the size of the mounting board, number of mat colors, number of photos.➤ Long captions➤ Failure to have an event release form for each recognizable person

Manufacturing Prototype

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Craftsmanship – Prepare material well prior to applying finish materials. Remove glue, use abrasives.➤ Ask someone to edit your written documentation for spelling, neatness, etc.➤ Working drawings – ask for help from teachers or other knowledgeable individuals when preparing working drawings	

Promotional Graphics

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Clear and concise paperwork➤ Adequate documentation and sources➤ Clever/creative pictures➤ Proper use of TSA logo	<ul style="list-style-type: none">➤ Avoid messy work and typos➤ Avoid hand-drawn sketches➤ Avoid having too large or wrong type of paper.

Radio Controlled Transportation

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Complete binder (according to the specifications in the rules) and well organized binder➤ According to the design and test logs, teams who practiced/performed more, had better results at the competition.	<ul style="list-style-type: none">➤ Binder contained student names.➤ Binder was incomplete, missing information as listed in the rules.➤ Follow the rules. Specifically, if the rules mention “hydraulics,” then “hydraulics” should be part of your project.

<ul style="list-style-type: none"> ➤ Good teamwork. ➤ The robot did what it was designed to do. 	<ul style="list-style-type: none"> ➤ According to the rules, each teammate must control their piece of the action. Work should not just be done by one person.
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System Control Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Test equipment prior to contest. ➤ Work as a team. ➤ Strong paperwork. ➤ Good repeatability. 	<ul style="list-style-type: none"> ➤ Poor repeatability. ➤ Lack of proper equipment.

Technical Sketching and Applications

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Proper drawing techniques. ➤ Correct views in correct location ➤ Neatness ➤ Proper dimensioning ➤ Bring proper equipment 	<ul style="list-style-type: none"> ➤ Not following directions ➤ Poor time management ➤ Not showing proper views ➤ Incorrect or missing dimensions ➤ Sloppy work

Technical Research and Report Writing

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Following topic ➤ Topic detail ➤ Follow rules and regulations ➤ Multiple references/adequate resources 	<ul style="list-style-type: none"> ➤ Read rules and regulations. ➤ Long sentences ➤ Poor grammar ➤ Poor spelling

Technology Challenge

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Should meet all criteria requested to achieve maximum score. ➤ Design should be effective. 	<ul style="list-style-type: none"> ➤

PA-Materials Process

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Neat, organized paperwork. ➤ Originality. ➤ Knowledgeable about their work ➤ Complexity of design ➤ Project should be completed by the participant. 	<ul style="list-style-type: none"> ➤ Missing paperwork. ➤ Unfinished project. ➤ The paperwork should be able to stand on its own as a description of the project. ➤ Try to avoid a scripted interview. ➤ Show some interest/life during the interview.