

2006 PA-TSA Judges Event Feedback

HIGH SCHOOL

CAD Engineering 3D

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Bring and know how to use the 3D feature of your software	<ul style="list-style-type: none">➤ Incomplete work; follow instructions

Construction Systems

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Understand the basics of stick construction.➤ Be able to work as a team.	

Desktop Publishing

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Overall professional quality	<ul style="list-style-type: none">➤ Using “canned” layouts (default tri-folds, newsletters, etc.)

Electronic Research and Experimentation

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Entry must work and team must be able to demonstrate operation to the evaluators➤ Directions on how to operate the project➤ Clear labeling of buttons, switches, and connectors➤ A clear, precise parts list➤ Include data sheets or info on non-standard parts	<ul style="list-style-type: none">➤ Placing more emphasis on unimportant characteristics of the project (i.e. making the enclosure vs. mechanism/functional part of project)➤ Avoid vague language (i.e. “Countless other purpose”)➤ Avoid spelling and typographical errors (i.e. spelling Pennsylvania, not Pencilvania)➤ Avoid providing useless info to fill up space➤ Avoid poorly constructed presentation materials – cut out pictures and text using a paper cutter

Film Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Follow the rules.➤ If using copyrighted materials, be sure to have permission from the appropriate parties➤ Include all documentation (i.e. script, storyboard)	

Manufacturing Prototype

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none">➤ Notebook covers all items listed in requirements➤ Cover sheet reflects state conference location and dates➤ Working drawing accurately shows three views with dimensions➤ Good craftsmanship	<ul style="list-style-type: none">➤ Notebook pages out of order (rules section C2)➤ All participants must sign-in (2-6 participants)➤ Avoid adding extra pages to notebooks – follow rules!➤ Must include a working model (rules page 118 – side bar)➤ Avoid putting name(s) on notebook (see General

<ul style="list-style-type: none"> ➤ Production plan is detailed and complete ➤ Proofread 	Regulations)
---	--------------

Medical Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Well organized ➤ Practiced/rehearsed ➤ Members worked on all aspects of project and not individual parts ➤ Look at judges during interview – don't read off screen 	<ul style="list-style-type: none"> ➤ Avoid putting names in book ➤ Avoid reading off PowerPoint ➤ During interview, both presenters should be attentive – avoid looking around while the other person is speaking

Promotional Graphics

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Proper Theme ➤ Size restrictions on both design page and foam mount ➤ Relevant graphics ➤ Text is appropriate font, color, size ➤ Originality 	<ul style="list-style-type: none"> ➤ Pixilated graphics ➤ Improper labeling on disks ➤ Non-theme based graphics ➤ Poor presentation – mounting improperly, sloppily cut ➤ Exceeding size limits

SciVis

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ If using copyrighted material, get proper permission ➤ Follow dresscode 	

System Control Technology

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Successful solution to the problem ➤ Repeatability ➤ Timelines ➤ Adequate computer and resource materials ➤ Positive attitude 	<ul style="list-style-type: none"> ➤ Forgetting supplies ➤ Feuding among teammates ➤ Building a model that is not structurally sound ➤ Inability to program ➤ Over-reliance on sensors

Technical Sketching and Applications

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Bring correct equipment ➤ Follow instructions/rules ➤ Critical thinking skills 	<ul style="list-style-type: none"> ➤ Forget ID number ➤ Rushing ➤ Careless math errors ➤ Not sketching before drawing

Technical Writing

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Quality was far superior this year 	<ul style="list-style-type: none"> ➤ Follow rules – NO typed note cards

Technological Systems

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Incorporate scientific approach ➤ Originality of the display (the more 	<ul style="list-style-type: none"> ➤ Too much empty space ➤ No color on display

<ul style="list-style-type: none"> ➤ original the better) ➤ Neat, organized write-up ➤ Includes information that pertains to the subject ➤ Includes pictures and diagrams 	<ul style="list-style-type: none"> ➤ Copying and pasting information from the web through written report ➤ Using pre-made materials for display ➤ Poorly organized binder
---	--

PA-Materials Process

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Excellent craftsmanship. Pay attention to the fit and finish of the pieces. ➤ Allow enough time to finish your piece. There is nothing worse than seeing a well-made item with a rushed finish. ➤ Think about the complexity of the piece – is there some element you can expand on to take the project to the next level? (i.e. making your own hardware) ➤ Think about what you want to say at the interview. You want to appear very knowledgeable about the project and the processes used. ➤ Read the rules and make sure you have included everything that is required. 	<ul style="list-style-type: none"> ➤ Have someone proof-read your paperwork to avoid poor grammar and spelling. Learn the proper technical terms for your area. ➤ Avoid providing photos without captions. Each photo should have a sentence or two explaining what the photo shows. ➤ Avoid leaving some areas unfinished. ➤ Avoid leaving stray pen or pencil marks visible.

PA-Safety Illustration Computer Graphics

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Use visually striking image(s) that show creativity ➤ Be creative (i.e. catchy phrase, clever idea, central idea/theme) ➤ Follow all of the rules 	<ul style="list-style-type: none"> ➤ Don't just copy clip art or "borrow" widely used phrases. Play off of existing pop ideas or standard ideas, but make it your own. ➤ Pay attention to rules regarding size, media, backing, theme, etc. ➤ Copying readily available items with little or no originality ➤ Sloppiness ➤ Irrelevant text, pictures, or clip art – make sure things connect

PA-Safety Illustration Hand Drawn

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> ➤ Keep illustration neat ➤ Be imaginative in the design ➤ Empty space is not always a bad thing ➤ Clutter can distract from the poster's message 	<ul style="list-style-type: none"> ➤ Make sure the documentation is posted on the back of the poster securely ➤ Make sure the correct ID# is on the poster