

# 2010 PA-TSA Judges Event Feedback

## HIGH SCHOOL

### *Architectural Model*

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"> <li>➤ Dimension all plans</li> <li>➤ List pitch on roof plans, note with leaders foundation beams, roof materials</li> <li>➤ Proper scale (for drawings)</li> <li>➤ Accommodate roof pitch according to target climate</li> <li>➤ Use good craftsmanship</li> </ul>	<ul style="list-style-type: none"> <li>➤ Do not skimp on research</li> <li>➤ Doing extra work that we can't evaluate according to the rules</li> <li>➤ Consider \$\$ when going crazy with "green design" as elements can be expensive</li> <li>➤ Don't forget about modeling landscape</li> <li>➤ Avoid non-realistic/impractical design – can frame your design via conventional (inexpensive) methods</li> </ul>

### *Chapter Team*

Characteristics an entry should possess	Things to avoid
<ul style="list-style-type: none"> <li>➤ Know parliamentary procedure</li> <li>➤ Know motions</li> <li>➤ Memorize opening/closing ceremonies</li> <li>➤ Memorize creed</li> <li>➤ Be aware of what is being voted on, don't forget about the main motion after passing auxiliary motions</li> <li>➤ Clear, concise, legible minutes</li> </ul>	<ul style="list-style-type: none"> <li>➤ Don't wear nametags</li> <li>➤ No pins on blazer; not official dress code</li> <li>➤ Don't mumble</li> </ul>

### *Debating Technological Issues*

Characteristics an entry should possess	Things to avoid
<ul style="list-style-type: none"> <li>➤ Good eye contact</li> <li>➤ Body language</li> <li>➤ Sources – accurate research</li> <li>➤ Teamwork</li> <li>➤ Prepared opening statement</li> <li>➤ STATE the topic (from the position you are to present)</li> <li>➤ STATE your authorities, THEN your conclusions/interpretations based on their findings</li> <li>➤ CON – Do not concede and then tell them how you are trying to fix the problem</li> <li>➤ PRO – Do not give a prepared speech. PRESENT an argument</li> <li>➤ CONS – You can find arguments to support the position that something other than technology caused climate change or that climate change is a naturally recurring phenomenon</li> </ul>	<ul style="list-style-type: none"> <li>➤ No eye contact</li> <li>➤ Chewing gum</li> <li>➤ Exceeding the time limit</li> <li>➤ Tone of voice</li> <li>➤ When the 15 second warning is held up, STOP QUICKLY (15 seconds is not long)</li> <li>➤ DO NOT use time telling us what we can expect the other side to say. Establish YOUR arguments</li> <li>➤ Take very brief notes of their arguments. During the conference discuss which ones to address</li> <li>➤ BE SURE TO SUBMIT YOUR ONE PAGE SUMMARY OF REFERENCES</li> <li>➤ BOTH TEAM MEMBERS MUST SPEAK</li> </ul>

### ***Electronic Research and Experimentation***

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ Abide by the rules</li><li>➤ Make sure documentation is complete</li><li>➤ Quality display (Not too much info but informative, well constructed, not 3 printouts glued on a board)</li><li>➤ Be imaginative and creative with topic choice</li><li>➤ Be professional and confident in interviews; both team members participate</li></ul>	<ul style="list-style-type: none"><li>➤ Missing items (display, etc)</li><li>➤ Too much information on the display itself</li><li>➤ Names on project</li><li>➤ Limit dangerous components (large capacitors, spark coils)</li></ul>

### ***Fashion Design***

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ Quality in garments</li><li>➤ Organization of materials</li><li>➤ Well thought out</li><li>➤ Use of good computer graphics programs</li><li>➤ Creative ideas</li></ul>	<ul style="list-style-type: none"><li>➤ Unorganized portfolios</li><li>➤ Pixilated images/scanned pictures</li><li>➤ Dirty fabric</li><li>➤ Unfinished edges on clothing</li><li>➤ Wordy introduction (or too short)</li></ul>

### ***Future Technology Teacher***

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ Neat</li><li>➤ Well-organized</li><li>➤ Has all required components</li><li>➤ Lesson plan must be very detailed, at least 3 pages or more</li><li>➤ Well-written and exciting handouts/worksheets</li></ul>	<ul style="list-style-type: none"><li>➤ Poor grammar</li><li>➤ Misspelled words</li><li>➤ Missing items</li><li>➤ Not following the rating form</li><li>➤ Not following directions</li></ul>

### ***Manufacturing Prototype***

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ Meet the intent of the problem</li><li>➤ Include all required components</li><li>➤ Working drawings – should be orthographic and include dimensions</li><li>➤ Follow directions</li><li>➤ Attention to craftsmanship/workmanship</li><li>➤ Process should include flow charts</li></ul>	<ul style="list-style-type: none"><li>➤ Over-engineering the solution</li><li>➤ Missing required items</li><li>➤ Poor sketches in place of drawings</li><li>➤ Lack of detail in design effort</li><li>➤ Sloppy product</li></ul>

### ***Medical Technology***

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ No rules violations – all components present</li><li>➤ Neatness – no glue marks or typos</li><li>➤ Easily readable and concise</li><li>➤ Shows effort – well labeled and thought out models</li></ul>	<ul style="list-style-type: none"><li>➤ Sloppy</li><li>➤ Missing components</li><li>➤ Too much information, too wordy</li></ul>

## **SciViz**

Positive characteristics for entries	Negative characteristics for entries
<ul style="list-style-type: none"><li>➤ Follow the rules</li><li>➤ Clear message from both storyboard and visualization</li><li>➤ Clean, professional, consistent project</li><li>➤ Focus on visualization as the presentation</li></ul>	<ul style="list-style-type: none"><li>➤ Sloppy</li><li>➤ Handwritten vs. typed</li><li>➤ Didn't follow rules</li><li>➤ Visualization didn't have any explanation</li></ul>

## **PA-Materials' Process**

Characteristics an entry should possess	Things to avoid
<ul style="list-style-type: none"><li>➤ Captions in photo journals</li><li>➤ Detailed drawings and measurements</li><li>➤ Covers with appropriate photo on binder</li><li>➤ Attention to detail on sanding and joints</li><li>➤ Every displayed piece clearly marked with number</li></ul>	<ul style="list-style-type: none"><li>➤ Ambiguity in binder</li><li>➤ Potential safety hazards</li><li>➤ Keep face (you and teacher) and school name out of entry</li><li>➤ Incomplete projects</li><li>➤ Avoid bad presentation skills – shake hands with judges coming and going, maintain eye contact, good voice volume</li></ul>