



Junior High 2011

September
13, 14, & 15

Thank you for your interest in the Roland Technology Student Association and the Roland Technology Challenge. Before you select your events to compete in please be aware of the following information and requirements.

- The rules in this handbook have been copied from the official TSA guidelines book. Due to local resources and limitations the rules may be altered as needed, even after this handbook has been produced.
- Students must currently be enrolled in Technology Education or have previously had one year of Technology Education.
- Students must be able to maintain a "C" average to compete in TSA competitions.
- Students are only allowed to enter/compete in five events at the Roland Technology Challenge.
- Students competing in the Roland Technology Challenge must have participated in the Discount Card fundraising campaign.
- Students must be signed up by September 7, 2011.
- Measures have been taken to ensure the Roland Technology Challenge is a fair, open contest for all legitimate participants.
- No awards will be given as a result of this contest.
- Individual 1st place = 4.0 points
- Individual 2nd place = 2.0 points
- Individual 3rd place = 1.0 points
- Team 1st place = 3.0 points (each)
- Team 2nd place = 1.5 points (each)
- Team 3rd place = .75 points (each)

1. Career Prep

Drop off Tuesday September 13, in the Tech Ed building by 8:45 A.M. Black and white publications are fine. Color printing at the school is off limits.

Participants conduct research on a selected technology-related career and use the knowledge gained to prepare a resume and cover letter, complete a job application, and participate in a mock interview. Pretend you have already graduated from college and are applying for a job, adjust dates accordingly.

In 2011, Choose one of these careers:

- Mechanical engineer
- Architect
- Telecommunications specialist
- Construction manager
- Cardiologist

- A. Resumes and cover letters must be completed prior to the event.
- B. Resumes must be typed and are limited to two (2) one-sided, 8½" x 11" pages.
- C. Cover letters must be typed and are limited to one (1) one-sided, 8½" x 11" page.
- D. Each participant brings only the resume, cover letter, and a black or blue ink pen into the event area.

2. Communication Challenge

Submit via server (O-Drive) by 3:15 P.M. Tuesday September 13

Design and produce a newsletter that promotes the chapter's activities, an effective sponsor support request on chapter letterhead, and a business card. Finalists are asked to work creatively under constraints in designing a solution to a problem given on site.

A. Participants produce a TSA chapter newsletter, one (1) page front and back, which describes the chapter's activities and the school in the current academic year. The newsletter must have a finished size of 8½" x 11" and must include, as a minimum, the following elements:

- | | |
|--|---|
| <input type="checkbox"/> Title/banner/masthead | <input type="checkbox"/> Three (3) pictures or illustrations |
| <input type="checkbox"/> Chapter name | <input type="checkbox"/> One (1) article about a chapter activity |
| <input type="checkbox"/> Headlines | <input type="checkbox"/> One (1) article about a school activity |
| <input type="checkbox"/> TSA or chapter logo | |

B. Participants produce chapter letterhead, or stationery, for the current school year that includes chapter name, address, phone, logo art (TSA or local chapter), and the local president and advisor's name. If applicable, the chapter's fax, e-mail address, and web site address are included.

C. Using the letterhead described above, participants compose a letter requesting sponsorship from a local business or industry that includes the signature of both the advisor and at least one of the local chapter officers.

D. Participants produce a standard-sized business card (2" x 3½") that includes at least these three (3) elements:

- TSA or chapter logo
- School address
- Name of chapter advisor

E. If the entry contains images of people, proof of consent must be attached to the back of the entry. Images of minors require parental consent. (See Photo/Video Consent and Release form that follows.)

F. Participants submit the newsletter, the sponsor letter, and the business card in a standard three (3)-ring binder at the event check-in time.

G. All materials necessary to solve the on-site problem are provided. Finalists may not bring outside notes, reference materials, or equipment into the event area.

3. Creed

Testing event that will take place on Wednesday September 14. Location and times are TBD.
Write the TSA Creed from memory. Punctuation, spelling, capitalization, and title all count.

4. Promotional Design

Submit via server (O-Drive) by 3:15 P.M. Tuesday September 13

Participants create and produce a color pin design that is appropriate for trading at the national TSA conference. 2012 National Conference - Orlando, FL

5. Digital Photography

Drop off Tuesday September 13 in the Tech Ed building by 8:45 A.M.

Participants

6. Prepared Speech

Presentations will be Thursday, September 15. See Mr. O'Neal for time.

Participant delivers an oral presentation that includes audio and/or visual enhancement and that reflects the theme of the current conference. The theme for the 2011 conference is "**The Road to Success**"

A. Each presentation must be the result of the participant's own efforts.

B. The topic for the Prepared Speech event is the published theme for the current year's conference.

Information about technology and TSA is appropriate as long as it relates to the published theme.

C. The presentation may include the use of visual materials.

D. Examples of visual materials may include but are not limited to:

- | | |
|----------------------|----------------|
| 1. Models | 4. Displays |
| 2. Charts and graphs | 5. Flip charts |
| 3. Posters | |

E. Computer and other electronic presentation devices are not allowed. A standard overhead projector may be used.

F. Participants are not allowed to hear other participants' presentations.

H. Participants' scores are penalized one point for each ten (10)-second interval for speaking over or under the allotted time. The same time penalty is used for set-up and take down. Time commences when the presentation begins.

7. Problem Solving

Testing event that will take place on Wednesday September 14. Location and times are TBD.

This is a written individual test.

8. Structural Challenge

Drop off Tuesday September 13 in the Tech Ed building by 8:45 A.M.

Construct a tower that is 14" with a limit of 20 feet of balsa wood. A drawing must be submitted or it will result in a disqualification. No hot glue. Double lamination is accepted; however, triple lamination and beyond will result in disqualification.

9. Technical Writing

Testing event that will take place on Wednesday September 14. Location and times are TBD.

Participants conduct research in two (2) or three (3) specified subtopics of a broader technological area and, using the knowledge and resources gained through that research, write a comprehensive report on the one (1) subtopic that is designated on site.

The topic for the 2011 conference is Go Green, with these subtopics:

- Recycling
- Hybrid vehicles
- Alternative energy

- A. Each participant is allowed to bring one (1) 3" x 5" note card for each subtopic, a dictionary, and a thesaurus to the event. All research material brought into the event area must be contained on the note cards. The dictionary and thesaurus must be in print format, not electronic format.
- B. Only participants are allowed in the event area. Should a participant finish before the allotted time expires, s/he is allowed to leave quietly but may not re-enter the event room.
- C. Ballpoint pen and paper are supplied by the event coordinator and must be turned in at the conclusion of the event.
- D. Each report must have the participant number only placed in the upper right-hand corner of the first page, just above the title of the report.
- E. The length of the report is limited to four (4) handwritten and double-spaced pages, not counting the list of references.
- F. A reference list that includes only those references used to write the report also must be handed in.
- G. Only the note card used for the report is turned in with the report.

10. Technology Bowl

Testing event that will take place on Wednesday September 14. Location and times are TBD.
This is a written individual test.

11. TSA Multimedia

Drop off Tuesday September 13 in the Tech Ed building by 8:45 A.M.

Participants use their creative skills to produce a multimedia presentation that promotes or details an aspect of TSA. The theme is: **My School's Dress Code: Do's and Don'ts**

- A. This competition is designed to promote or provide details about TSA. Your viewing audience must clearly understand your chosen topic.
- B. The presentation 1. must be electronically authored and presented on a CD-ROM. An analog videocassette is not acceptable.
2. must be self-explanatory. Only finalists have the opportunity to explain their presentation.
3. must be self-contained; the presentation software must be included with the presentation.
4. may be interactive.
5. may be created on common authoring programs such as Hyperstudio™, PowerPoint™, HTML, Macromedia Director™ or others.
6. may not exceed one and one-half (1½) minutes.
- C. Students must introduce themselves at some point in the presentation. At a minimum, the introduction includes their name and a photograph.
- D. It is important that the presentation be the result of the vision and work of the student. Information about TSA is available on the national TSA website www.tsaweb.org. (Participants should not contact national TSA for input or guidance.)
- E. In addition to the presentation, students must submit a signed, word processed document pledging primary authorship. This is where, as required in the General Rules and Regulations, *all* ideas, text, images, and sounds, including music, are cited, including anything that is from the public domain. If copyrighted material is used, proper written permission must be included. Failure to follow this procedure results in disqualification.
- F. Participants have permission to use the TSA logo, which is copyrighted, for the purposes of this event.
- G. Students give viewing and property rights to TSA upon submittal to the competition.
- H. The winning presentation may be used as a marketing tool throughout the United States for potential business and industry partners not currently involved with TSA. Should that be the case, TSA may ask the authoring student to provide a Photo/Video Consent and Release form (that follows) for any individuals included in the presentation.

Read the General Rules and Regulations in the front of this book for information that applies to all of TSA's competitive events. For TSA Multimedia, especially note the rule about original work and the use of materials from other sources.



Registration Form

Due: Thursday September 7th

Student Name: _____

Grade: _____

EVENT	CHECK UP TO 5
Career Prep	
Communication Challenge	
Creed	
Promotional Design	
Digital Photography	
Prepared Speech	
Problem Solving	
Structural Challenge	
Technical Writing	
Technology Bowl	
Multimedia	