New Jersey Middle School Supplement

National TSA Convention

2012

Nashville, TN

TSA

TECHNOLOGY STUDENT ASSOCIATION

Road to Success

cover by: John Murphy
Howell Memorial High School
1st Place Graphic Design Challenge
2011 State Conference & National Conference

2011-2012 New Jersey TSA

Executive Committee

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Competitive Event Coordinator

Mr. Henry Harms, Stevens Institute of Technology & The Center for Excellence in STEM Education, The College of New Jersey

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Mr. John McConnell	Stockholm, NJ	Northern Regional
Ms. Sherry Roses	Howell High School	Southern Regional

<div align="center">**Forward**</div>

The diverse competitive events that are listed within this booklet are open to TSA chapters affiliated through registration with the New Jersey state office of TSA, completed by February 29, 2012. The Middle School State Conference will be held at The College of New Jersey on March 21, 2012.

How this booklet works
The NJ Supplement works in conjunction with the National TSA Competitive Events Guide found on the Middle School Competitive Events CD, which should be received 2-4 weeks after affiliation with the National TSA Office has taken place.

This booklet presents the competitive events offered at the NJ State Conference in alphabetical order as well as the maximum number of participants or teams permitted to compete from each chapter. Each New Jersey competitive event in this booklet lists only the modifications from the National guidelines. Substitute the NJ modification in this booklet for the number or letter on the National guidelines to ensure that your chapter meets the guidelines for the NJ Competitive Events.

Please be sure to read all sections of the Supplement carefully. It is the hope of the NJ-TSA Executive Committee that this guide will enable teachers/advisors, students and competitive event judges to better prepare for this exciting conference.

Any questions may be directed to Ms. Alison Goeke, NJTSA State Advisor at (609)771-3244 or goeke2@tcnj.edu or Henry Harms, NJTSA Competitive Event Coordinator, at harms@tcnj.edu or Michelle Ordini, NJTSA Project Administrator, at ordini@tcnj.edu.

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Plan now to attend the
34th Annual
National TSA Conference
June 21 – June 25, 2012
Nashville, Tennessee
Theme: *"The Road to Success"*

</div>

PLEASE NOTE

Events are listed in 3 categories: On-Site, Pre-Conference, Static

On-site Events are presented and participated in the day of the conference. Some events may include components that should be completed prior to the conference.

 Pre-Conference Events are submitted before the conference takes place on their designated submission dates. They are judged prior to the conference and put on display. Some events contain components or presentations the day of the conference.

 Static Events are events in which entry is created prior to conference and is submitted for judging upon arrival to the conference. Judging is behind closed doors. After judging takes place submissions will be put on display.

General Rules Governing Competitive Events

I.   MIDDLE SCHOOL EVENTS

The officially approved **Level I** New Jersey TSA Competitive Events are:

ON-SITE	PRE-CONFERENCE	STATIC
Chapter Team	Agriculture and Biotechnology Issues	System Control Technology-NEW
Challenging Technological Issues - NEW	Career Prep	
Construction Challenge	Communication Challenge	
Electrical Applications-NEW	Community Service Video-NEW	
Environmental Focus	Dragster	
Essays on Technology-NEW		
Flight	Digital Photography	
Inventions and Innovations	Go Green Manufacturing	
Leadership Strategies-NEW	Global Manufacturing-NEW	
Multimedia Production-NEW	Medical Technology Issues	
Prepared Speech	Promotional Design-NEW	
Problem Solving	Technical Design-NEW	
Structural Engineering	Video Game Design	
Tech Bowl	Website Design	
Techno Talk		
Transportation Systems (Formerly TSA: Marine Design)		

II.   PROJECT SUBMISSION

A.   <u>On-site</u> events require projects that are submitted and judged *at* the conference.

B.   <u>Static events</u> are On-site events that include a display.

C.   <u>Pre-Conference</u> events require projects that are submitted and judged *prior to* the conference

   1.   Pre-Conference entries mailed must be received by **March 13, 2012.**

      Send to:

      NJ-TSA/Alison Goeke
      The College of New Jersey
      2000 Pennington Rd
      Armstrong 103
      Ewing, NJ 08628

      Please call (609)771-2295 or fax (609)771-3330 the NJ-TSA office to indicate description and quantity of items being mailed.

   2.   Entries dropped off at the NJ-TSA office at The College of New Jersey must be received by **March 13, 2012**. Please call (609)771-2295 the TSA office to arrange time for delivery. If submitting entries through the mail or other carrier services please email ordini@tcnj.edu with date of shipment and contents of package.

   3.   Entries dropped off at the Northern NJ site (NJ-TSA Northern Regional Office, 16 Deer Trail Lake Rd., Stockholm, NJ 07460) must be received by **March 12, 2012.** Please call John McConnell at 973-903-1970 to arrange time for delivery.

- Items received after these dates may not be included in competitions.
- Mailed deliveries should include provision for obtaining **proof of delivery**.
- Packages should include a label or packing slip describing contents.

III.   PARTICIPATION IN COMPETITIVE EVENTS

A. TSA members may only register and participate in **ONE on-site event**, and no more than **SIX total events**.
B. Students must be registered at the state conference in order to enter and become finalists/winners in a competition. NO ON-SITE OR LATE REGISTRATIONS WILL BE ACCEPTED.
C. **No substitutions will be accepted after registration closes, or at the conference**. Substitutions in team events will be accepted only from pre-registered applicants, and only under extenuating circumstances.

D. **No school or individual names labeled on projects except for <u>Career Prep, Communication Challenge, Community Service Video and Website Design</u> which require school information. Otherwise only ID#'s are to be used.** Upon registering students online, they are automatically assigned an ID#. **This number needs to be on student projects.**

E. All video/electronic files (e.g. Music Technology, Electronic Game Design, Film) become the property of NJ-TSA. Please be sure to make a copy for yourself before project submission.

F. Projects/entries should be picked up at the time stated in the conference program.

G. Audio visual equipment will be provided for those competitive events that require it (e.g. laptops, projectors, etc.).

IV. COMPETITIVE EVENTS ATTIRE

ALL STUDENTS ATTENDING THE CONFERENCE **MUST** wear either official TSA or business-like attire. Your cooperation with this policy will assist in providing a positive image for the organization and its members.

A. Official TSA Attire: *An official blue shirt is being introduced as part of the official TSA attire and the female tie is being eliminated. For more info go to: http://www.tsaweb.org/Dress-Code*
Blazer: navy blue with official TSA patch
Ties: scarlet red imprinted with official TSA logo (for males and females)
Shirt or blouse: white, button-up with turn down collar
Pants or skirt: light gray
Dark socks: males only (black or dark blue)
Shoes: black dress shoes (unacceptable: athletic shoes, combat or work boots)
Sandals: females only may wear black open toe shoes or sandals

B. Business-like attire is considered to minimally include:
A collared shirt/blouse, long pants (no shorts or jeans), dresses/skirts, socks/hosiery and appropriate footwear.

C. The official NJ-TSA Polo Shirt
(Order form attached)

Students NOT wearing official TSA or business-like attire <u>*will lose 20 points from total score of each event entered and will not be granted entry into the awards ceremony.*</u>

A 20 point deduction will also result from the wearing of   hats.

All individuals attending the awards ceremony <u>must</u> present their official State Conference Id Badge provided to them at registration. Anyone not in position of their badge will not be admitted to the awards ceremony.

V. PROPERTY DAMAGE OR LOSS

The College of New Jersey and NJ-TSA are not responsible for damage to or loss of property brought to the conference.

VI. AWARDS

TSA Achievement Program

The TSA Achievement Program (bronze, silver, gold awards) is designed to motivate and recognize student members for high effort in a school's technology education program. Bronze, silver, and gold pins will be awarded at the Middle School State Conference. Please provide Alison Goeke (goeke2@tcnj.edu) with a list of any award winners and their Activity Resumes by March 13, 2012.

VII. IMPORTANT DATES AND DEADLINES

January 23, 2012
- State Conference Registration OPENS
- Design Problems posted on NJTSA website (http://njtsa.pages.tcnj.edu/)

February 29, 2012
- State Conference Registration CLOSES at 5pm (absolutely no changes can be made after this time).

March 8, 2012
- Technical Design brief posted at 5pm on NJTSA website (http://njtsa.pages.tcnj.edu/)

March 12, 2012
- All Pre-Conference entries delivered to the Northern NJ Drop-Off Site must be received.

March 13, 2012
- All Pre-Conference entries must be received at the NJTSA office.
- Technical Design Submissions must be received by 5pm

March 21, 2012
- NJTSA Middle School State Conference, The College of New Jersey

May 15, 2012
- Nationals Registration for all Advisor Approved Events
- Meeting Regarding Nationals for all that plan/wish to attend
- Website Design Entries for Nationals submitted by midnight

June 21-25, 2012
- National TSA Conference, Nashville, TN

Level I – Middle School Events

Agriculture and Biotechnology Issues
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	A. 3 teams per chapter B. No Interview
TIME LIMITS	Delete B
PROCEDURE:	D. Include instructions or photos for display set up if necessary. E. No Semifinalists Delete F-G
REGULATIONS:	Delete E ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on all parts of student projects.***
EVALUATION:	Evaluation will be based on 90 points.

Career Prep

Pre-Conference Event

Students choose one (1) of these careers:
- Mechanical Engineer
- Architect
- Telecommunications specialist
- Construction Manager
- Cardiologist

OVERVIEW:	No interview
CHALLENGE:	No finalists No interview
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	Delete C
PROCEDURE:	Delete D-F Job application is found on the NJ TSA Middle School Competitive Events CD. *Please be sure that submissions have fictitious home contact information, social security number, and telephone number when completing application.*
REGULATIONS:	D. Resume, cover letter and job application are submitted Pre-Conference. Delete E-F *Please be sure that submissions have fictitious home contact information, social security number, and telephone number when completing application.*
EVALUATION:	Evaluation is based on 100 points.

Challenging Technology Issues
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 teams of 2 members per chapter
TIME LIMITS:	No change
PROCEDURE:	Delete E-F No semifinalists
REGULATONS:	No Change
EVALUATION	No Change

Chapter Team
On-Site Event
Standard Reference: Robert's Rules of Order, Newly Revised

OVERVIEW:	No change. No Semifinals, all teams participate
CHALLENGE:	No change
ELIGIBILITY:	1 team of 6 per chapter
TIME LIMITS	B. No semifinalists. Winners are announced at Awards Ceremony. Time-related penalties apply.
PROCEDURE:	C. All teams will make the oral presentation. D. No semifinalists. Winners are announced at Awards Ceremony.
REGULATIONS:	Delete the word "Semifinalists" in letter I.
EVALUATION:	No Semifinalists. All teams participate

Communication Challenge
Pre-Conference Event

OVERVIEW:	No semifinalists
CHALLENGE:	No semifinalists. No onsite problem.
ELIGIBILITY:	3 individuals per chapter
TIME LIMITS	Delete B-C No semifinalists. Winners are announced at Awards Ceremony. All components submitted Pre-Conference
PROCEDURE:	Delete B – G All entries become the property of NJ-TSA
REGULATIONS:	F. Binder is submitted Pre-Conference. Delete G-J ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects. Projects will not be returned be sure to keep an extra copy.***
EVALUATION:	Evaluation is based on points earned for portfolio development and final printed product. 100 points.

Community Service Video
Pre-Conference Event

OVERVIEW:	No change.
CHALLENGE:	No change
ELIGIBILITY:	1 team per chapter. Entries may be submitted by individual or group
TIME LIMITS	Maximum length of video two and one half minutes. No minimum length
PROCEDURE:	D. No finalists. Winners will be announced at awards ceremony
REGULATIONS:	No change. Video must be submitted on a DVD suitable for viewing on a standalone DVD player. ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects. Projects will not be returned and will become property of NJ-TSA. Be sure to keep an extra copy.***
EVALUATION:	No change.

Construction Challenge
On-Site Event

OVERVIEW:	No semifinalists. Winners announced at Awards Ceremony.
CHALLENGE:	No change
ELIGIBILITY:	1 team per chapter. No semifinalists. All teams participate in interview. 2 representatives per team.
TIME LIMITS	B. No semifinalists. All teams participate in interview.
PROCEDURE:	B-D. No semifinalists. All teams participate in presentation and interview.
REGULATIONS:	No change. Binder/display submitted On-Site (day of the conference).
EVALUATION:	No semifinalists. All teams participate in presentation and interview. Based on 100 points.

Digital Photography
Pre-Conference Event
Theme: "The Art and Science of Technology"

OVERVIEW:	No semifinalists. Winners announced at Award Ceremony.
CHALLENGE:	No semifinalists will be selected.
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	Delete B - C
PROCEDURE:	Delete D-H
REGULATIONS:	Delete C No Semifinalist task. ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects. Projects and digital files will not be returned and will become property of NJ-TSA. Be sure to keep an extra copy.***
EVALUATION:	Evaluation is based on 100. No onsite task.

Dragster

Pre-Conference Event

- **Dragster and drawing will be submitted Pre-Conference**
- **Cars that do not meet specifications will NOT be raced**

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 individuals per chapter. 1 entry per individual
TIME LIMITS	B. Dragster and drawing submitted Pre-Conference. *Dragster and drawing will be submitted Pre-Conference* *Cars that do not meet specifications will NOT be raced*
PROCEDURE:	Delete A, F (No wind tunnel testing.)
REGULATIONS:	*No change* ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects.***
EVALUATION:	Wind tunnel results eliminated from scoring. ***The top 16 dragsters meeting specifications will be raced in the double elimination bracket at the conference.*** <u>***Cars not meeting specs WILL BE DISQUALIFIED from competition.***</u> ***Evaluation is based on 105 points.*** ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects. Place Id # on drawings and directly on dragster. It is recommend Id #'s are placed on bottom or back side of dragster with tape or label so that qualifying dragsters can be renumbered for nationals.***

Electrical Applications
Pre-Conference Event

OVERVIEW:	Written test. No onsite problem.
CHALLENGE:	No onsite problem
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS:	B. No onsite problem
PROCEDURE:	C. No semifinalists Delete D-F
REGULATIONS:	A. Answer sheets and pencils provided Delete B-F
EVALUATION:	Evaluation is based on the written test (50 points)

Environmental Focus
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team per chapter. No semifinalists. All teams participate in presentation and interview.
TIME LIMITS	B. No semifinalists. All teams participate in presentation and interview.
PROCEDURE:	A-C. No semifinalists. All teams participate in presentation and interview.
REGULATIONS:	D-E. No semifinalists. All teams participate in presentation.
EVALUATION:	No semifinalists. All teams participate in presentation and interview. Winners announced at Award Ceremony.

Essays on Technology
On-Site Event
2012 topic: The Impacts of Ever Changing Technology in Schools
Subtopics: Budgets
Computers
World Wide Web
Classroom Technology

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	3 Individuals per chapter
TIME LIMITS	No change.
PROCEDURE:	C. Paper & Writing Utensils provided H. No finalists. Winners will be announced at awards ceremony
REGULATIONS:	C. Pens provided.
EVALUATION:	No Change

Flight
(Plane built off-site)
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No Change. Plane built off-site.
ELIGIBILITY:	2 individuals per chapter. 1 entry per individual.
SAFETY:	Safety glasses are not required for this event.
TIME LIMITS	A. Students bring completed glider to event
PROCEDURE:	Delete C F. No Finalists. Winners are announced at Awards Ceremony.
REGULATIONS:	Delete A-B E,G. Plane built off-site using specified materials. Catapult provided by NJ-TSA.
EVALUATION:	No change

Global Manufacturing
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team with a maximum of 6 members with no more than 2 representatives per chapter. Team members must come from other NJ TSA middle school chapters (for judging purposes).
TIME LIMITS	No change
PROCEDURE:	E. Entries submitted Pre-Conference F. No semifinalists G. No interview
REGULATIONS:	C. No semifinalists. No interview ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects.***
EVALUATION:	Based on 120 points

Go Green Manufacturing
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 teams of 3 per chapter
TIME LIMITS	No change
PROCEDURE:	B. Pre-Conference event. C-F. No semifinalists. No presentation. Winners are announced at Awards Ceremony.
REGULATIONS:	No change ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects.***
EVALUATION:	Based on 110 points. No semifinalist interview/presentation

Inventions and Innovations
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No semifinalists. All teams will make an oral presentation.
ELIGIBILITY:	1 team of at least 3 individuals per chapter. 1 entry per team.
TIME LIMITS	No semifinalists. All teams will make an oral presentation 2-5 minutes long including multimedia and 2 minutes for question and answer session
PROCEDURE:	Pre-conference: No change Conference: C-D. No semifinalists. All teams will make an oral presentation. E-F. No semifinalists. Winners announced at Award Ceremony.
REGULATIONS:	F. No semifinalists. All teams make oral presentation.
EVALUATION:	No semifinalists. All teams make oral presentation. Based on 160 points. Winners announced at Award Ceremony.

Leadership Strategies
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team of 3 students per chapter
TIME LIMITS	B-C No semifinalists. All teams make a presentation.
PROCEDURE:	D-E No semifinalist. All teams make a presentation.
REGULATIONS:	E. No semifinalist. All team members must participate.
EVALUATION:	No change

Medical Technology Issues
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	3 teams of 2 individuals per chapter No semifinalists. No presentation. Pre-Conference event.
TIME LIMITS	Delete B
PROCEDURE:	Delete B-E. No semifinalists. No presentation.
REGULATIONS:	Delete E. No presentation. ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on student projects.***
EVALUATION:	Evaluations will be based on 110 points.

Multimedia Production
Pre-Conference Event
Theme: My School's Dress Code: Do's and Don'ts

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 Individual Per Chapter
TIME LIMITS	No change
PROCEDURE:	Delete C-E. No semifinalists. No interview.
REGULATIONS:	No change. ***No school or individual names labeled on projects; only ID#'s are to be used.*** *Upon registering students online, they are automatically assigned an ID#.* ***This number needs to be on all parts of student projects.***
EVALUATION:	Evaluations will be based on 60 points.

Prepared Speech
On-Site Event
Theme: "The Road to Success"

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	No change
PROCEDURE:	Delete C, E-G. No semifinalists. Winners announced at Award Ceremony.
REGULATIONS:	No change
EVALUATION:	No change

Problem Solving
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team of 2 per chapter
TIME LIMITS	No change
PROCEDURE:	C-D. All equipment/materials provided by NJ TSA G. No finalists. Winners announced at Award Ceremony.
REGULATIONS:	Delete B-C. All equipment/materials provided by NJ TSA
EVALUATION:	Will be based on a scoring guide provided at the event.

Promotional Design
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	No change
PROCEDURE:	A-D. Entries submitted Pre-Conference. No finalists. Winners announced at Award Ceremony
REGULATIONS:	No change
EVALUATION:	No change

Structural Engineering
On-Site Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team of 2 members per chapter
SAFETY:	Safety Glasses provided by NJ TSA
TIME LIMITS	A.Change time from 2.5 to 1.5 hours. B.Length of beam is 10". Students bring prepared sketches to on-site event.
PROCEDURE:	D.Students bring prepared sketches to conference. Delete J. No finalists. Winners announced at Awards Ceremony
REGULATIONS:	A. Safety Glasses provided by NJ TSA. B-C. Tools/materials provided by NJ TSA D.1.Length of beam is 10".
EVALUATION:	No change

System Control Technology
Static Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	1 team of 3 members per chapter. 1 entry per chapter
TIME LIMITS	Delete B-C. Model constructed off site.
PROCEDURE:	A-E. Model constructed off site.
REGULATIONS:	Model constructed and programmed pre-conference
EVALUATION:	No change

Tech Bowl

On-Site Event

OVERVIEW:	All participants will complete a written exam and then participate in the oral event.
CHALLENGE:	No change
ELIGIBILITY:	1 team of 3 per chapter participate in written and oral part of event
TIME LIMITS	A. 45 minutes B. All teams will participate in the oral competition.
PROCEDURE:	Follow procedures listed below. Do not refer to the *TSA Competitive Events Guide.* A. Following the written test, team members will report to the oral event area holding room for briefing at the designated time. After briefing, advisors must leave and the team will remain in the holding room until called for competition. Teams may visit with other teams; however, no advisors or visitors may enter the holding room. B. Team members will not be allowed in the oral event area as observers until after the team has been eliminated from competition. C. When instructed to do so, two (2) teams will enter the event area and be seated according to instructions. D. When a team has been defeated in any round of the oral event, the team is out of the competition. E. Questions will be drawn, as needed, from a card file resource bank. F. A team's total score is derived from the correct answers to the questions asked. For each correct answer, a team will receive ten (10) points. When a question has been completely read and a team is recognized to answer, if the team does not answer or answers incorrectly, five (5) points will be deducted from the team's score. In this instance, the other team does not have the opportunity to respond to this question, and the next question is read for both teams. If is question is being read and a team member presses the button before the question is finished, the member must answer completely as stated on the answer card. If the answer given is incorrect, the entire question will be read for the other team. G. A total of twelve (13) questions will be asked per round. No questions will be repeated in another round. In the case of the tie, five (5) additional questions will be asked. This procedure will continue until the tie is broken. The questions will be picked at random from the basic areas tested.

	H. <u>Bonus Question</u> There will be one additional question (bonus question). The bonus question will be announced, and the team that answers it correctly will have the opportunity to answer one additional question. This is the only time when team members may consult with each other before giving an answer. The team will have ten (10) seconds to give its answer. If a team gives an incorrect answer to the bonus question, then the question will be read to the other team. Bonus point scoring: If a team answers the bonus correctly, that team receives fifteen (15) points; if a team answers the bonus incorrectly, that team loses five (5) points from its score.
	
	 I. A panel of evaluators will be available to respond to questions concerning acceptable answers.
	      1. Rulings on acceptable answers will be made only during the round in question.
	      2. Rulings will be made immediately, to do one of the following:
	          a. Accept only the answers listed on the card.
	          b. Accept the student's answer and renew points, or remove the question and read another in its place.
	          c. The rulings of the panel will be final.

REGULATIONS:	<u>Follow procedures listed below. Do not refer to the *TSA Competitive Events Guide.*</u> A. No transmitting or recording devices will be permitted in the event area. No prompting will be permitted. B. The team member who "buzzes in" will have five (5) seconds to answer the question, without discussion. C. The team that answers the bonus question will be allowed ten (10) seconds to discuss the extra question and give an answer. D. After a question is read, the competing teams will have ten (10) seconds to answer. If neither team can answer the question, then another question will be read. E. If a team member "buzzes in" before a question is finished being read, that member must give the exact answer as printed on the card.
EVALUATION:	Evaluation is based on the total points from the three written tests plus the total points from the oral competition. Awards will be given to the top three (3) teams

Technical Design
Pre-Conference Event

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	Participants will be allowed 2 (school) days to solve the engineering design problem.
PROCEDURE:	A. Participants will check the NJ TSA Website on March 8 at the time and place stated in the conference program for dissemination of the design brief. Entries are submitted Pre-Conference to Alison Goeke by 5pm on March 13, 2012.
REGULATIONS:	No change
EVALUATION:	No change

Techno Talk
On-Site Event

OVERVIEW:	No change Parents must sign permission slip allowing students to bring and use a cell phone, blackberry or other two-way SMS device.
PURPOSE:	No change
ELIGIBILITY:	2 teams of 2 per chapter
TIME LIMITS	No change
PROCEDURE:	No change
REGULATIONS:	Delete B.6. No interview.
EVALUATION:	No interview. Based on 50 points

Transportation Systems
On-Site Event
Rubber band-powered boat

OVERVIEW:	No change
CHALLENGE:	No change
ELIGIBILITY:	2 individuals per chapter
TIME LIMITS	No change
PROCEDURE:	Pre-Conference- No change Conference-No change. E. No semifinalists.
REGULATIONS:	No change
EVALUATION:	No Semifinalists. All boats will be raced and performance tested. Winners will be announced at Awards Ceremony.

Video Game Design
Pre-Conference Event

OVERVIEW:	No change. Game must be working, interactive and submitted on DVD
CHALLENGE:	No change
ELIGIBILITY:	1 team with a minimum of 2 participants per chapter
TIME LIMITS	No change.
PROCEDURE:	Delete C-D No semifinalists
REGULATIONS:	No change
EVALUATION:	Based on 150 points. No finalist interviews.

Website Design
Pre-Conference Event

OVERVIEW:	No semifinalist interview
CHALLENGE:	No change
ELIGIBILITY:	1 team of 3-5 per chapter. 1 entry per chapter
TIME LIMITS	Delete C A. Change date from May 15 to March 13, 2012. B. URL must be emailed to goeke2@tcnj.edu by 12 midnight EST March 13, 2012. Email verification of each team's entry will be made upon receipt of URL. URL must be emailed. Web files on a CD will not be accepted.
PROCEDURE:	A. **Participants obtain the event design brief from the national TSA website at http://www.tsaweb.org/Themes-and-Problems (Criteria for the middle school and high school events are different.)** B. Send any questions to goeke2@tcnj.edu D. Entries are evaluated prior to the State Conference. Delete E - H
REGULATIONS:	G. No interview.
EVALUATION:	Delete B. Based on 150 points. URL's MUST be emailed to Alison Goeke, State Advisor (goeke2@tcnj.edu) by 12 midnight EST March 13, 2012. All emails will be time stamped and serve as proof of submitting project on time.