



December 14, 2016

Dear TSA Advisors and Technology, Engineering and Design Teachers,

Attached is the tentative schedule for the 2017 STEM East / NC TSA Eastern Region Conference, to be held on the campus of Lenoir Community College on Friday, February 3, 2017.

Registration for this event will be \$10.00 per student. This fee covers the cost of supplies and resources for the conference.

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Attached is the event information, A TENTATIVE SCHEDULE, Student Registration Form (due FRIDAY, JANUARY 27th) and the medical/photo release form. Please make sure that you turn in the medical/photo release form and registration payment when you check-in at registration.

Please note that some of the events will operate **differently** than described in the TSA Competitive Events Guides. Due to time constraints, some events that normally involve on-site construction of projects will deviate from the event guidelines.

For additional information about the events, contact the event coordinator, Jerianne Taylor (jerianne.taylor@dpi.nc.gov ), via phone or email.

We look forward to seeing you on February 3rd.

Sincerely,

*Jerianne S. Taylor*

Jerianne Taylor, EdD, DTE  
NC TSA State Advisor  
Career & Technical Education Program Director  
Appalachian State University  
828-262-6352 (phone) 336-692-4794 (cell) 828-265-8696 (fax)

Advisors,

Please refer to the attached guidelines for the STEM East / NC TSA Eastern Region Conference.

At regional events, we allow more participants than state or nationals. This provides students additional opportunities to compete and helps teachers determine which teams should move forward to state and/or nationals.

Below is a list of the maximum number of teams from each school for this event::

Middle School and High School Events:

Career Prep/STEM Careers - Max 4 individuals

Dragster – MAX 4 dragsters

Flight – MAX 4 gliders - No on-site building, only testing.

Structures –MAX 4 structures – No on-site building, only testing.

Problem posted to TSA website: <http://www.tsaweb.org/Themes-and-Problems>

Problem Solving – MAX 2 teams per school

Technology Bowl - One Team of Three

Middle School Only: Junior Solar Sprint- MAX 4 cars

High School Only: Engineering Design Challenge - MAX 4 Teams

The link to the 2017 Middle School & High School Structural Engineering Problems.

Please follow the rules and procedures listed in the link: <http://tsaweb.org/Themes-and-Problems>

Due to the time constraints of the STEMEast/NCTSA Invitational, students will need to bring completed structures. No structures will be built onsite.

Finally, please go to the following [link \(https://goo.gl/forms/Q58YK5yApw9pomuv2\)](https://goo.gl/forms/Q58YK5yApw9pomuv2) and complete the student registration form so that we can assign ID numbers for each of the participants.

STUDENT REGISTRATION FORMS ARE DUE BY JANUARY 27, 2017.

Thanks so much for all of your help.

*Jerianne S. Taylor*

NC TSA State Advisor

# PERSONAL LIABILITY RELEASE FORM

North Carolina Technology Student Association  
2017 STEM East Invitational Conference  
February 3, 2017 - Lenoir Community College - Lenoir, NC

Name of Student Participant: \_\_\_\_\_

Name of School: \_\_\_\_\_ Advisor: \_\_\_\_\_

**NOTE: EVERY STUDENT MUST HAVE A COPY OF THIS FORM SIGNED BY PARENT OR GUARDIAN IN ORDER TO PARTICIPATE.**

I hereby agree to release Lenoir Community College, STEM East and the North Carolina Technology Student Association, Inc., its representatives, agents, servants, and employees from liability for any injury to the above named person, resulting from any cause whatsoever occurring to the above named person at any time while attending the 2017 STEM East Invitational Conference, including travel to and from the conference, excepting only such injury or damage resulting from willful acts of such representatives, agents, servants and employees.

I do voluntarily authorize the North Carolina Technology Student Association's Conference Chair, assistants and/or designee to administer and/or obtain routine or emergency diagnostic procedures and/or routine or emergency medical treatment for the above named person as deemed necessary in medical judgment.

I agree to indemnify and hold harmless the North Carolina Technology Student Association, Inc., Lenoir Community College, said medical service coordinator and/or assistants and designees from any and all claims, demands, actions, or rights of action, on account of said procedures and/or treatment rendered in good faith and according to accepted medical standards.

Having read and understood completely the "Student Code of Conduct" for the North Carolina Technology Student Association, Inc., I do hereby agree to follow the conduct described. I fully understand that this is an educational activity and will, to the best of my ability, apply myself for the purpose of learning and will uphold at all times the good qualities of a person representing the North Carolina Technology Student Association, Inc.

\_\_\_\_\_  
Participant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent or Guardian

\_\_\_\_\_  
Date

**PUBLICITY:** I agree to allow pictures of my child from this conference to be used for NC TSA, STEM East and Lenoir Community College promotional purposes.

\_\_\_\_\_  
Parent or Guardian

\_\_\_\_\_  
Date

**I DO NOT** give NCTSA the right to collect self-reported data, that will be used for educational purposes only, from my child.

**Participants: please bring a signed copy of this form to the Conference.**



Tentative STEMEast/ NCTSA Eastern Region Conference Schedule of Events (12/1416)

**Location:** Lenoir Community College

**Date:** February 3, 2017

### **Schedule of Events**

- 9:00- 9:30 – Check-in/ Turn-in Projects (Lobby/GYM)
- 9:30 - 10:00 – Welcome (GYM)
- 10:00 – 11:00 – Dragster Races (GYM)
  - 10:00 -10:30: Middle School Races
  - 10:30 -11:00: High School Races
- 10:00 -11:00 - Tech Bowl MS & HS - Written Test (ROOM 1 TBA)
- 10:00 -12:00 - Career Prep/STEM Careers Interview (ROOM 2 TBA)
  - 10:00 -11:00: High School
  - 11:00 -12:30: Middle School
- 10:00 – 11:00 - Flight Judging (No Students Allowed in the Area)
- 10:00 - 12:00 - Problem Solving Middle School (ROOM 3 TBA)
- 11:00 - 12:00 - Dragster Judging (No Students Allowed in the Area)
- 11:00 -1:00 - Flight Testing (GYM)
  - 11:00 -11:30: High School
  - 12:00 -1:00: Middle School
- 11:00 -12:00 – Structures Testing (GYM)
  - 11:00 -11:30: Middle School
  - 12:00 -12:30: High School
- 11:30 - 12:00 - Lunch (Schools are responsible for providing their own lunch)
- 12:00 - 2:00 - Problem Solving High School (ROOM 3 TBA)
- 1:00 - 2:00 – Junior Solar Sprint Testing (Outside or GYM)
- 1:00 - 2:30 - Tech Bowl MS & HS Quiz Bowl (ROOM 1 TBA or in GYM so everyone can watch)
  - 1:00 - 2:00: Middle School
  - 2:00 -2:30: High School
- 1:00 - 2:00 - Engineering Design Interviews (ROOM 2 TBA)
- 3:00 – Awards Ceremony (Auditorium)

*Conference Headquarters (TBA)*

*Below is a list of advisors in the Eastern Region and their email addresses. We hope that each school will be able to participate.*

Expressed interest in STEMEast 2017		
Ayden Middle School	Jason Wade	<a href="mailto:wadea1@pitt.k12.nc.us">wadea1@pitt.k12.nc.us</a>
Charles B. Aycock High School	Steven Thorne	<a href="mailto:steventhorne@wcps.org">steventhorne@wcps.org</a>
Tucker Creek Middle School	Michelle Smith	<a href="mailto:michelle.smith@cravenk12.org">michelle.smith@cravenk12.org</a>
HJ MacDonald Middle School	Michael Haynes	<a href="mailto:michael.haynes@cravenk12.org">michael.haynes@cravenk12.org</a>
Norwayne Middle School	Paul Casey and Darlene Smith	<a href="mailto:paulcasey@wcps.org">paulcasey@wcps.org</a>
East Duplin High School	Corey Keffer	<a href="mailto:cokeffer@duplinschools.net">cokeffer@duplinschools.net</a>
Ayden Middle School	Jason Wade	<a href="mailto:wadea1@pitt.k12.nc.us">wadea1@pitt.k12.nc.us</a>
Havelock High School	John Scarfpin	<a href="mailto:John.scarfpin@cravenk12.org">John.scarfpin@cravenk12.org</a>
Clinton High School	Chaka Shipp	<a href="mailto:cshipp@clinton.k12.nc.us">cshipp@clinton.k12.nc.us</a>
Enloe High School	Felix Martinez	<a href="mailto:fmartinez@wcpss.net">fmartinez@wcpss.net</a>
Terry Sanford High School	John Haynes	<a href="mailto:johnhaynes@ccs.k12.nc.us">johnhaynes@ccs.k12.nc.us</a>
Jack Britt High School	Henrietta Jutson and Charles Walters	<a href="mailto:henriettajutson@ccs.k12.nc.us">henriettajutson@ccs.k12.nc.us</a>
Morehead City Middle School	Charles Elliott	<a href="mailto:charles.elliott@carteretk12.org">charles.elliott@carteretk12.org</a>
Broad Creek Middle School	Dawn Maynard	<a href="mailto:elizabeth.maynard@carteretk12.org">elizabeth.maynard@carteretk12.org</a>
Contentnea-Savannah K-8 School	Stephanie Harrell	<a href="mailto:sharrell@lenoir.k12.nc.us">sharrell@lenoir.k12.nc.us</a>
Other TSA Affiliated Chapters in the Eastern Region		
Greene County Middle School	Carol Taylor	<a href="mailto:caroltaylor@greene.k12.nc.us">caroltaylor@greene.k12.nc.us</a>
Corinth Holders HS	Jackie Harrell	<a href="mailto:jackieharrell@johnston.k12.nc.us">jackieharrell@johnston.k12.nc.us</a>
Hobbton High School	Brandon Thompson	<a href="mailto:tthompson@sampson.k12.nc.us">tthompson@sampson.k12.nc.us</a>
Hunt High School	Susi Price	<a href="mailto:susi.price@wilsonschoolsnc.net">susi.price@wilsonschoolsnc.net</a>

Participated in STEMEast 2016 – not affiliated yet

Clarity Middle School	Cynthia Rhodes 2016 /Tim Mateer	<a href="mailto:tmateer@duplinschools.net">tmateer@duplinschools.net</a> <a href="mailto:crhodes@duplinschools.net">crhodes@duplinschools.net</a> (bounced back)
Down East Middle School	Richard Coffey	<a href="mailto:richard.coffey@carterek12.org">richard.coffey@carterek12.org</a>
Greenwood Middle School	John Shirley	<a href="mailto:johnshirley@wcps.org">johnshirley@wcps.org</a>
West Craven Middle School	Michael Pilarski	<a href="mailto:michael.pilarski@craven.k12.nc.us">michael.pilarski@craven.k12.nc.us</a>