



2018-19 State Event Dates

- **CORE – September 14-16, 2018**
Registration Deadline - August 17, 2018
- **Tech Day – October 9, 2018**
Registration Deadline – September 12, 2018
- **Leadercon – November 9-11, 2018**
Registration Deadline – October 19, 2018
- **State Leadership Conf – March 14-16, 2019**
Registration Deadline – February 14, 2019



Annual Events and Conferences

Georgia TSA has a fun and busy year planned. Right from the start, GA TSA is working to provide meaningful and memorable experiences for its members!



First, bring your local officer team to the **Chapter Officer Retreat for Excellence (C.O.R.E.)**. This conference is a chance for your students to take ownership of their chapter and annual program of work (POW). Aside from creating and planning a detailed POW chapters will participate in teambuilding exercises. C.O.R.E is a great opportunity for the local officer team to bond and take their leadership experiences back with them to their local school. For more information and registration details please visit <http://gatsa.org/conferences/core>.

The fun does not stop there. In October join GA TSA for **Technology Day**. This event is held at the Georgia National Fair Grounds in Perry, Georgia. At Tech Day students have the opportunity to compete in various competitions to win Fair Award Ribbons and cash awards for themselves and their chapter. A GATSA rally helps get students pumped up and then compete in 11 uniquely GA TSA contests! They can be found along with the Fair's Competitive Event Registration Site at <https://d38trduahtodj3.cloudfront.net/files.ashx?t=fg&rid=GeorgiaNationalFair&f=2017-TSA-3.pdf> In addition, attendees have the opportunity to purchase discounted, all-day ride passes through GA TSA to enjoy the fair.



For registration details please visit <http://gatsa.org/conferences/tech-day>



Leadercon is our annual **Fall Leadership Conference** is designed to provide Georgia TSA members and advisors the opportunity to increase their leadership, communication, and team building skills by attending hands-on workshops, seminars and general sessions. This conference also provides for chapter members and advisors to gain knowledge and skills in relation to our Competitive events Program by attending hands on workshops, seminars, and sessions during our Technical Sessions. There are also VEX Qualifier and 1st Lego League, Electrathon Rally and the Armada Boat Race events as well. For registration details please visit:

<http://gatsa.org/conferences/leadercon>

Georgia TSA's annual State Conference program of leadership development and competitive events provide students opportunities beyond the traditional classroom/laboratory setting. Held in March at Athen's Classic Center, our Competitive Events Program provides a platform for our student members to display the aptitudes, interests, and talents gained through our Engineering and Technology Pathway Courses. Chapters go for individual event trophies as well as the overall Outstanding Chapter Title. Find details and registration information at:

<http://gatsa.org/conferences/state>



TSA members throughout the nation all agree that for them, the highlight of the school year is unquestionably, the annual **National Technology Student Association Conference**. This culminating event is packed with competitive events and challenging activities that foster personal growth and leadership development in addition to a chance to exhibit talents and win recognition at the national level. Held in late June, the TSA National Conferences which take place in a different city around the country each year. It will be in Washington DC in 2019. Start Planning Now! <http://www.tsaweb.org/National-Conference>

In addition to the Conference opportunities GA TSA has to offer, our membership also has other Signature Events to choose from to enrich their learning experience and challenge their minds.

The TSA **VEX Robotics Competition** as well as **VEX IQ**, engages middle and high school students in science, technology, engineering and mathematics (STEM) education through an exciting, head-to-head robotics contest that captures student attention and both enhances—and allows them to use—their skills in STEM areas. In addition, the competition complements the existing technology-related competitive events offered by TSA at both levels of instruction. Registered VEX teams are eligible to compete in nationwide VEX Qualifying Events and potentially qualify teams for the VEX World Championships held in Anaheim, California. <http://www.robotevents.com/>



FIRST LEGO League (FLL) is an exciting and fun global robotics program that ignites an enthusiasm for discovery, science, and technology in kids ages 9 to 14 (16 outside of the U.S. and Canada). Each year FLL teams embark on an adventurous Challenge based on current, real-world issues. Guided by a team coach and assisted by mentors, the kids: Research and solve a real-world problem based on the Challenge theme Present their research and solutions Build an autonomous robot using engineering concepts Using the yearly Challenges, FLL: Entices kids to think like scientists and engineers; Provides a fun, creative, hands-on learning experience; Teaches kids to experiment and overcome obstacles; Builds self-esteem and confidence Inspires kids to participate in science and technology. <http://www.georgiafll.org/>

The Real World Design Challenge (RWDC) is an annual high school competition run by a public-private partnership with the goal of sustainably increasing the Science, Technology, Engineering, and Mathematics (STEM) workforce. The partners are focused on working within the context of the American educational system to transform STEM education in the United States by providing professional science and engineering and learning resources to students and teachers. The Challenges have all been focused on the aerospace industry. In Georgia the event is sponsored by the [Georgia Center of Innovation for Aerospace](http://aerospace.georgiainnovation.org). **GA TSA HIGHLY recommends RWDC as it represents a true culminating activity for our pathway courses.** <http://aerospace.georgiainnovation.org>; <http://www.realworlddesignchallenge.org/>; <http://www.realworlddesignchallenge.org/GA.php>



TEAMS (Tests of Engineering Aptitude, Mathematics and Science) is an annual competition for middle and high school students designed to help them discover their potential for engineering. Using science, technology, engineering and mathematics (STEM) and 21st century learning skills, students work collaboratively to problem solve real-world engineering challenges. The TEAMS competition is based on annual theme. <http://teams.tsaweb.org/>

GA ELECTRATHON is a type of ELECTRIC MARATHON in which the winner is determined by how far you go in a certain time with a given amount of battery power. ELECTRATHON class competition uses specific design rules to ensure safe and fair competition. ELECTRATHON events are held around the state and are an exciting new environmentally progressive sport. Objectives are: To drive electrically powered vehicles as far as possible for one hour on a closed loop course using limited electrical energy. To provide a forum where skill and ingenuity may be displayed, compared and tested. To improve public awareness and understanding of efficient alternative electric vehicles. To create an affordable sport defined by established rules in which teams can participate competitively and safely. Contact Brent Hinkle at bhinkel@rabuncountyschools.org

