

FACTS 2020/21

“LEARNING TO LEAD IN A TECHNICAL WORLD”



The **Technology Student Association (TSA)** is a national, non-profit career and technical student organization (CTSO) of middle school and high school students who are engaged in STEM (science, technology, engineering, and mathematics). Since TSA was chartered in 1978, over 5,000,000 student members have participated through competitions, intracurricular activities, leadership opportunities, community service, and more. TSA is a non-partisan, non-sectarian, 501(c)(3) that does not discriminate on the basis of race, color, age, religion, creed, ethnicity, gender, gender identity/expression, or disability.

MEMBERSHIP: BY THE NUMBERS

250,000+

MIDDLE AND HIGH SCHOOL STUDENT MEMBERS

100%



LIKELY TO GRADUATE FROM HIGH SCHOOL



75%

COLLEGE-BOUND



39%

MINORITY REPRESENTATION



3,500+

TEACHERS (CHAPTER ADVISORS)

2,300+

SCHOOLS IN 48 STATES



TSA COMPETITIONS

TSA provides rules and guidelines for more than 70 middle school and high school competitions for use in a traditional classroom and virtually for distance learning. All TSA competitions are aligned with STEM standards, 21st century leadership skills, and the U.S. Department of Education's National Career Clusters Framework®. TSA middle and high school competitions are categorized by career pathways in Architecture and Construction Technology, Communications Technology, Computer Science and Information Technology, Leadership, Manufacturing and Transportation Technology, STEM (General), STEM and the Arts, and Technology and Research.

OTHER COMPETITIONS

Junior Solar Sprint (JSS) is a national STEM-based program—funded by the U.S. Army Educational Outreach Program (AEOP)—empowering teachers, mentors, and community members to engage 5th to 8th grade students in designing, building, and racing model solar cars.

TEAMS is a STEM competition providing students in middle school and high school the opportunity to discover engineering. Students work together in teams and use practical applications of math and science to answer engineering questions about every day, real-world challenges.

TSA VEX Robotics is an engaging robotics competition in which students further their knowledge and skills in STEM areas. This competition is a collaborative effort of TSA and the Robotics Education and Competition Foundation (REC Foundation).

PROGRAMS AND INITIATIVES

Leadership Program: TSA believes acquiring 21st century leadership skills are critical to the success of young people and integrates these aptitudes in over 70 TSA competitions. These leadership skills are specifically tailored for each competitive event and evaluated based on official rules and rubrics. Additionally, TSA offers its members leadership development activities based on the 21st century skills.

National Service Project: For over a decade TSA has partnered with the American Cancer Society (ACS). TSA chapters around the country raised money to help fund the vital research, education, advocacy, and patient services of the American Cancer Society.

Unite: Funded by the U.S. Army Educational Outreach Program (AEOP), Unite is a four-to-six-week program held at colleges and universities nationwide during the summer. Unite encourages underserved and underrepresented high school students to pursue higher education and a STEM career path.