

The Technology Student Association (TSA) provides student members the opportunity to explore a wide variety of STEM (science, technology, engineering, and math) education and career-interest areas. It offers: activities, competitions, leadership, and teamwork for students.

Mission Statement

The **Technology Student Association (TSA)** enhances personal development, leadership, and career opportunities in science, technology, engineering, and math (STEM), whereby members apply and integrate these concepts through intracurricular activities, competitions, and related programs.

Vision Statement

TSA accelerates student achievement

Motto

Learning to lead in a technical world.

WHY JOIN?

The Technology Student Association (TSA) provides student members the opportunity to explore a wide variety of STEM (science, technology, engineering, and mathematics) education and career-interest areas. All TSA middle school competitions and high school competitions are correlated with national STEM standards and can be integrated into and enhance a school STEM curriculum. Participation in TSA competitions allow TSA members to apply technology and engineering skills in challenging and innovative ways. Working individually or as a team, TSA members are motivated by the inspiration and enthusiasm gained from being recognized for the successful application of those skills.

Benefits of membership include:

- Local, state, and national competitive events
- Career awareness opportunities
- 21st century leadership skills activities
- Technology literacy development
- National service project
- Networking activities
- Scholarship and award opportunities

What does the Technology Student Association do?

The Technology Student Association (TSA) enhances personal development, leadership, and career opportunities in STEM, whereby members **apply and integrate these concepts through intra-curricular activities, competitions, and related programs.**

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)

TSA Competitions

TSA provides rules and guidelines for more than 70 middle school competitions 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.

Other Competitions

Junior Solar Sprint (JSS) and **Senior Solar Sprint** are national STEM-based competitions—funded by the U.S. Army Educational Outreach Program (AEOP)—empowering teachers, mentors, and community members to engage 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.