

# FACTS 2023/24

“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 engaged in science, technology, engineering, and math (STEM). 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.

## 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.

## MEMBERSHIP: BY THE NUMBERS

**300,000+**

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 the classroom, all 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)** – funded by the U.S. Army Educational Outreach Program (AEOP) – and **Senior Solar Sprint (SSS)** are national STEM-based competitions that challenge middle and high school students to design, build, and race model solar cars.

**TEAMS** is a STEM competition that provides middle and high school students the opportunity to discover engineering. Through teamwork and the use of practical applications of math and science, participants solve questions based on real-world engineering challenges.

TSA's partnership with the Robotics Education Foundation (REC) brings the **TSA VEX IQ Robotics Competition** (middle school level) and the **TSA VEX Robotics Competition** (high school level) to TSA members. Students participate in an interactive game activity that features multidisciplinary STEM elements.

## PROGRAMS AND INITIATIVES

**Leadership Program:** Acquiring 21<sup>st</sup> century leadership skills is critical to the success of young people. TSA integrates such aptitudes in its competitions and in activities that focus on leadership development.

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

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

**National Technical Honor Society (NTHS):** The National Technical Honor Society (NTHS) serves Career and Technical Education (CTE) students through recognition and scholarship opportunities. TSA and NTHS formed a partnership in June 2023 to provide benefits to TSA members.

**TSA Achievement Program, Pathways to Excellence:** TSA's achievement program encourages TSA members to engage in service leadership, STEM immersion, and personal/professional development activities. Members gain leadership skills and earn recognition for their efforts as they complete activities in these areas.