TEAMS and TSA

TEAMS is administered by the Technology Student Association (TSA), a national non-profit organization for students engaged in science, technology, engineering, and mathematics (STEM). Membership in TSA includes almost 250,000 middle and high school students in more than 2,000 schools spanning 48 states.

TEAMS is one of several STEM programs offered by TSA. To learn more, visit TSAweb.org.

TEAMS partners:

TEAMS 2020

+ 2020 scenarios will focus on topics such as fish passage engineering, transportation in the frozen tundra, and electricity off the grid.
+ Online registration begins in September.
+ State level competitions are held February 5 through March 8, 2020.
+ The average per-student cost for TEAMS is about $25.
+ Additional information can be found at TSAweb.org/teams or by calling toll free 888-860-9010.

"Our students have participated in TEAMS for more than 20 years. During that time the TEAMS competition has grown to be one of the biggest single draws for student interest. Our students look forward to it every year."
— Ken Owens, TEAMS coach, Texas

TEAMS
Technology Student Association (TSA)
1904 Association Drive, Reston, VA 20191
703.860.9000 or 888.860.9010

TEAMS is an approved NASSP student contest.

Challenge your students
Experience TEAMS
An annual one-day STEM competition for middle and high school students

TEAMS is a program of the Technology Student Association (TSA)
TSAweb.org/teams
Enhance STEM education and inspire your students

Are you looking for ways to help your students bridge classroom learning with the real world? Do you want to deepen your students’ engagement with STEM disciplines?

TEAMS integrates STEM education with theme-based practical experiences of real-life engineers. Its competitive environment motivates students – with recognition at the local, state, and national level – while strengthening their understanding of STEM connections with the world in which they live.

TEAMS is a turn-key program. Teachers/coaches and students receive complete, ready-to-use resources and competition materials.

+ The TEAMS competition is creative, exciting, and theme-based, with problems designed to be solved in teams – the way engineers work.
+ TEAMS resources and competition materials are designed and tested by experienced, credentialed engineering professors and professionals.
+ TEAMS reinforces the physics, math, science, and technology curriculum already in place.

Through TEAMS, your students gain:

+ Problem-solving abilities.
+ Collaboration and team-building experience.
+ An understanding of the role of engineering in solving societal, environmental, community, and global problems.
+ An opportunity to explore engineering as a college major or profession.
+ Exposure to STEM disciplines outside the classroom.

“TEAMS allows us <my team and I> to learn about a wide variety of topics and apply that knowledge in fun and engaging ways. Being able to present in front of leading professionals and meet competitors from around the world is truly an awe-inspiring experience.”

— Hannah Zhou, TEAMS competitor, CA

Dates and Places
+ Online registration begins in September.
+ State-wide competitions take place between February 5 and March 8, 2020.
+ Students compete at their own school, at a neighboring school, or at a nearby university host site.

Competitors
+ Open to middle and high school students at the middle school, 9/10 grade, or 11/12 grade level.
+ Students compete in teams of 4 to 8 students.

Coaches
+ Most TEAMS coaches are teachers; however any adult, including parents, may serve as a coach.

Competition Format
+ Essay – Completed and submitted electronically prior to the competition date.
+ Multiple Choice – 40 math questions for middle school level and 80 math questions for high school level.
+ Design/Build – A hands-on challenge using designated materials.

Recognition & Awards
+ State level rankings are provided for each of the three components. Best in State rankings are determined by combining all three scores.
+ Top-ranking teams receive awards and are invited to compete for “Best in Nation” honors at the national TSA conference in June.