

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

Inspire

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 state and national level – while strengthening their understanding of STEM connections with the world in which they live.

“TEAMS helps students connect classroom learning to real-world engineering challenges, making math and science more meaningful, engaging, and relevant to their future careers.”

— David Forbes
TEAMS coach, Illinois

Value

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.

Participate

Dates and Places

- + Online registration opens in August.
- + State-wide competitions take place in January and February.
- + Teams compete at their own school, a neighboring school, or a local university.

Competitors

- + Open to middle and high school students.
- + Students compete in teams of 4-6 students.
- + Only groups that are part of a school may participate in TEAMS.

Coaches

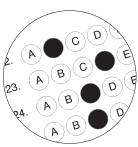
- + The primary coach must be a faculty member at the participating school.
- + The secondary coach may be a non-faculty member (such as a parent) and may act as the lead coach with approval from the school.

Competition Format

- + **Essay** – Completed and submitted electronically prior to the competition date.
- + **Multiple Choice** – 40 math questions.
- + **Design/Build** – A hands-on challenge using designated materials.
- + **Mathematical Modeling** – Determine a solution based on given data.



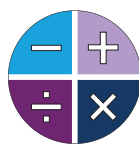
Design/Build



Multiple Choice



Essay

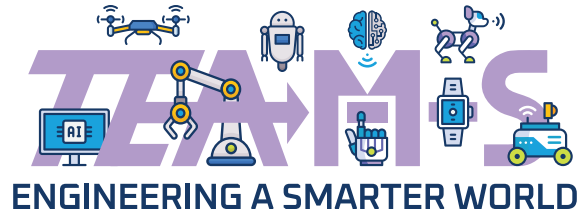


Mathematical Modeling

Recognition & Awards

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

TEAMS 2027



- + 2027 scenarios will focus on engineering a smarter world.
- + Additional information can be found at TSAweb.org/TEAMS or contact TEAMS at awilliams@tsaweb.org or toll free 888.860.9010.

About Us

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 over 300,000 middle and high school students in more than 3,000 schools spanning 48 states.

This year, TSA is pleased to announce a partnership with the National Council of Teachers of Mathematics (NCTM) to co-sponsor the 2027 TEAMS competition.



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

Founded in 1920, the National Council of Teachers of Mathematics (NCTM) is the world's largest organization dedicated to improving mathematics education. NCTM sets high professional standards, provides research-informed resources, and advocates for high-quality mathematics teaching and learning for every student.

“NCTM is committed to expanding meaningful opportunities for students to engage deeply with mathematics,” said Latrenda Knighten, President of NCTM.

“Partnering with TSA through TEAMS aligns with our shared goal of helping students see mathematics as a powerful tool for understanding and solving real-world problems.”