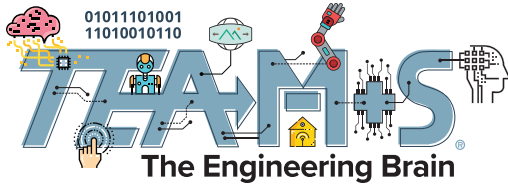


# TEAMS 2019



- + 2019 scenarios will focus on topics such as decoding brain activity, neural networks, and decision making.
- + Online registration begins in September.
- + State level competitions take place between February 13 and March 17, 2019.
- + The average per-student cost for TEAMS is about \$25.
- + Additional information can be found at [teams.tsaweb.org](http://teams.tsaweb.org) or contact TEAMS at [teams@tsaweb.org](mailto:teams@tsaweb.org) or 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

## About Us

### 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 2,300 schools spanning 41 states.

TEAMS is one of several STEM programs offered by TSA. To learn more, visit [TSAweb.org](http://TSAweb.org).

#### TEAMS partners include:

- + International Technology and Engineering Educators Association/Engineering byDesign (ITEEA/EbD)
- + National Academy of Engineering Grand Challenges
- + Project Lead the Way (PLTW)
- + Society of American Military Engineers (SAME)



## 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)  
[teams.tsaweb.org](http://teams.tsaweb.org)

## TEAMS

Technology Student Association (TSA)

1904 Association Drive, Reston, VA 20191  
703.860.9000 or 888.860.9010

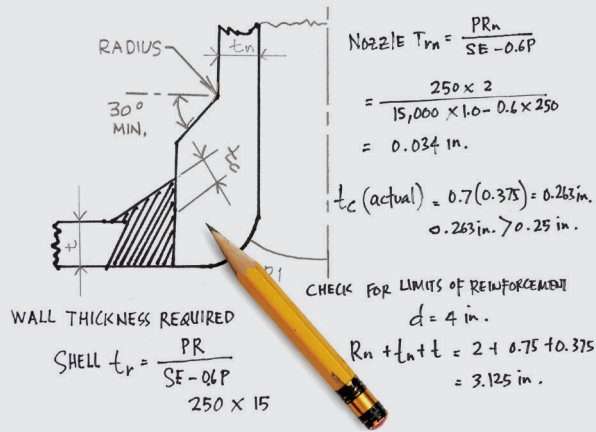


TEAMS is an approved  
NASSP student contest.



# 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. In addition, 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.

# Value

## Why teachers value TEAMS

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

Opportunities for recognition at the local, state, and national level

# Participate

## Dates and Places

- + Online registration begins in September.
- + State-wide competitions take place during February and March.
- + Students compete at their own school, at a neighboring school, or at a nearby university host site.
- + Top-ranking teams are invited to compete for “Best in Nation” honors at the national TSA conference in June.

## Students

- + Open to middle and high school students, who compete in one of three levels: middle school, 9th/10th grade, or 11th/12th grade.
- + Contestants compete in teams of 4 to 8 students.

## Coaches

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

## Components and Rankings

- + High school level (9/10 and 11/12) consists of three components:
  - **Design/Build** – a hands-on challenge using designated materials
  - **Multiple Choice** – 80 multiple choice questions (90 minutes)
  - **Essay** – completed and submitted electronically prior to competition day.
- + Middle school level consists of three components:
  - **Design and Build** – a hands-on challenge using designated materials
  - **Multiple Choice** – 40 multiple choice questions (60 minutes)
  - **Essay** – completed and submitted electronically prior to competition day.

State level rankings are provided for each of the three components. Best in State rankings are determined by combining all three scores.