

TEAMS (Tests of Engineering Aptitude, Math, and Science)



TEAMS is an annual one-day TSA competition for middle and high school students designed to help them discover their potential for engineering. Students apply their STEM knowledge to real-world problems in a challenging, creative competition.

Unlike traditional TSA events, TEAMS competitions take place between a certain window of time at the team's own school or local host site. Students compete in teams at the ninth and tenth grade level or the eleventh and twelfth grade level. The competition is comprised of three timed parts:

- Essay: Teams research and write an in-depth essay on a given topic and submit it electronically prior to their competition day.
- Multiple Choice: Teams apply math and science skills to complicated real-world engineering challenges.
- Design/Build: Teams design and build a solution to a given engineering challenge.

Each year's competition focuses on a theme based off of National Academy of Engineering Grand Challenges. The 2018 theme is "Engineering a Greener World," and will focus on such issues as durability of materials, global health, green building practices, and more.

The 2018 competition window is between February 12 and March 18 of 2018. Teams winning Best in State will be invited to compete in finals at the 2018 TSA National Conference. Competition at the national level entails writing essays, giving oral presentations, and designing solutions to engineering challenges. National finalists are recognized at the TEAMS Award Ceremony each year.

For more information, visit teams.tsaweb.org.

To register a team for competition, visit teams.tsaweb.org/register.

