How TEAMS Works

► The TEAMS coach (a teacher or parent) registers the team(s) on the TEAMS website. Each team consists of 4 to 8 students.

► The coach receives a login to access information for competition preparation.

► Using the provided resources and other related materials, team members meet to prepare and practice.

► Competitions occur on one day between February 13 and March 17, 2019.

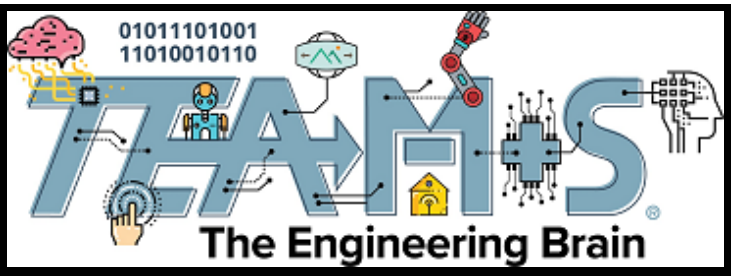
► Teams compete at participating host universities or at an onsite location (local school or other public facility).

► Teams submit an essay, answer rigorous math and science questions, and design and build a solution to a problem. Each component is based on the annual theme. In 2019 the theme is "The Engineering Brain."

► Awards include competition day recognition (determined by the host), state awards and national awards.

► The top achieving teams are invited to participate in the national TEAMS competition scheduled to occur during the national TSA conference June 28 – July 2, 2019 at National Harbor near Washington D.C.

► State awards are announced in April. National awards are determined and presented at the national TSA conference.



TEAMS Enhances Critical STEM Learning for Home-Schooled Students

TEAMS (Tests of Engineering Aptitude, Mathematics and Science) is an opportunity for middle and high school students (in teams of four to eight students) to apply their knowledge of science, technology, engineering and mathematics (STEM) to challenges facing our global society. This one-day competition provides an exciting and challenging venue for students to showcase and apply their STEM knowledge and skills.

Competition Benefits

► Provides recognition in STEM academic areas.

► Sparks student interest in math and science.

► Inspires students to consider engineering majors and careers.

► Helps students understand why team work, critical thinking and other 21st century skills are important.

Competition Format

Design/Build – using designated materials, teams complete a hands-on design challenge related to the annual competition theme.

Multiple Choice – High school teams have 90 minutes to solve 80 multiple choice questions focused on 8 engineering scenarios related to the annual competition theme. Middle school teams have 60 minutes to solve 40 multiple choice questions.

Essay – Each team researches and writes an in-depth essay submitted electronically prior to their competition date.

teams.tsaweb.org

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