

Preparing your students for the 2018 TEAMS competition

TEAMS coaches may use the following competition component information to help prepare their students for the 2018 TEAMS competition.

Essay (completed and submitted prior to competition day)

One essay prompt is provided for the middle school level and one prompt for the high school levels (9/10 and 11/12). One essay per team is submitted. The essay submission is due at least one day prior to the scheduled competition day and must be submitted online in accordance with the guidelines. The essay prompt, criteria and submission links can all be found in the TEAMS coach account.

Teams may begin working on their essay at any point prior to competition day. Each team will decide how the research, writing and production aspects of the essay will be accomplished. All team members are encouraged to contribute to the essay.

Multiple choice (occurs on competition day)

Engineering scenarios (eight at the high school level and four at the middle school level) will be distributed on competition day. Each scenario is followed by ten multiple choice math/science based questions that engineers might be expected to answer.

Scenario overviews are posted in the coach account may be printed and distributed to team members so that they can familiarize themselves with the topic areas. Websites are listed at the end of each overview for additional information.

Past competition scenarios and solutions are posted in the coach account and should be used as practice for the type of questions and math that will be involved in the competition.

The multiple choice component is 90 minutes at the high school level and 60 minutes at the middle school level.

Design/Build (occurs on competition day)

The design/build component is 55 minutes long (this includes 10 minutes of brainstorming and sketching and 45 minutes of building time) at both the high school and middle school level. The challenge is presented at the time of competition and will require the students to use teamwork to design and build a solution to the given challenge. A materials list of items that each team must bring with them to the competition is posted in the TEAMS coach account.

