



Tests of Engineering Aptitude, Mathematics and Science (TEAMS) is a competition for students in middle and high school that allows them to apply their knowledge of skills in science, technology, engineering and mathematics (STEM) to issues facing our global society. The TEAMS competition gives students an opportunity to explore issues that engineers face every day. In 2018 students will answer questions and design solutions based on the theme “Engineering a Greener World.”

Type of volunteers needed: Essay judges

Location: Anywhere - judging is done via a web portal

Date: Judges are needed in February and March

Time needed: Approximately 5-6 hours (time may be split up over several days)

Description: Judges work independently to score an assigned set of essays using an electronic rubric.

Skills needed: Judges should have an interest in the topic area (engineering issues regarding the environment). An engineering degree is not required.

Essay topic: *Recent efforts toward greening within engineering have focused on energy saving within buildings. Newly constructed buildings are often built to be LEED certified, meaning they are designed in such a way as to conserve energy.*

Your team has been tasked with transforming a prominent building within your community to conserve energy and be more environmentally friendly. Your solution should address the current impact of the existing building on the environment; propose modifications to reduce energy use, improve energy efficiency and/or reduce any negative environmental impact; and identify the advantages and disadvantages to implementing your plan.

Type of volunteers needed: Judges to evaluate student presentations

Location: Atlanta, GA

Date: June 23rd or June 24th (exact date to be determined)

Time needed: Approximately 8 hours

Description: Judges work in pairs to evaluate student presentations on a specific topic related to the environment. Presentation time and scoring is approximately 15 minutes per team.

Skills needed: Judges should have an interest in the topic area (engineering issues regarding the environment). An engineering degree is not required.

Additional opportunity – sponsor participation of local schools

For more information about TEAMS volunteer opportunities contact Sandy Honour, TEAMS Manager, shonour@tsaweb.org (subject line: TEAMS volunteer) or 888/860-9010