



Memphis-Area Joint Engineers Council

www.mjecm.org

MJEC Engineers Week Student Contest

First Round Deadline: Friday, February 11, 2022, 5:00 pm CST

Notification of which projects will advance to the Championship Round: no later than Monday, February 22

Championship Round: TBD

As part of its Engineers Week Activities, the Memphis-Area Joint Engineers Council sponsors a contest for Middle School and High School students. It is an opportunity for students to express their creativity and demonstrate their ingenuity by working on concept projects designed to improve our quality of life. In addition, it is an opportunity to enhance presentation skills.

CONTEST OBJECTIVES:

Present a product that could be used to benefit society. This could involve:

Inventing something

Modifying something to make it more useful or better

Finding another use for something that normally would be discarded

CONTEST REQUIREMENTS:

A school may submit as many teams (projects) as it wants where a team may consist of 1 to 4 students. Projects may be demonstrated by use of models, actual devices, drawings, sketches, a poster, or any combination of the above.

Judging Criteria include:

Benefit to Society

Feasibility

Creativity

Presentation

CONTEST LOCATION AND TIME:

Due to the ongoing pandemic, this year's contest will not be held in person. As in past years, there will be two rounds of judging. The deadline to participate is the end of the day Friday, February 11, 2022. The First Round of judging will determine which projects advance to the Championship Round. Schools will be notified no later than Monday, February 21, 2022. The Championship Round will be held live virtually via Zoom or MS Teams at a date and time to be determined.

For the **First Round**, teams will submit their projects in **pdf** format, preferably with pictures. Judges will review the projects and determine which will advance to the Championship Round. Use the project name, or something that resembles the project name, for the pdf file name (**project name.pdf**). See below for a template of information to include in the pdf.

The **Championship Round** will be conducted via on-line Zoom or MS Teams meetings. Teams will be assigned a 10-minute time slot. Students will present their projects in no more than 4 minutes and the remaining time will be used for questions from the judges, local professionals from many different engineering disciplines.

The awards ceremony will take place at the conclusion of the presentations, also via Zoom or MS Teams. Physical awards will be delivered to the schools at a later date. Specific times for presentations and awards will be determined based on the number of projects advancing to the Championship Round.

The deadline to participate in the MJEC Engineers Week Student Contest is Friday, February 11, 2022, 5:00 pm CST. Presentations in pdf format must be emailed to the Contest Chairman by this deadline. The Contest Chairman will reply to each email, indicating receipt of the entry.

In the email, please include **Teacher's name** and **Teacher's email address** as well as put **'MJEC Student Contest'** in email subject. Multiple projects can be sent in a single email, if desired.

TEMPLATE OF INFORMATION TO INCLUDE IN THE PDF

- 1) **Project name**
- 2) **Contestant name(s)** (1 - 4 students per team)
- 3) **School name** (if the school name does not include the word Middle or High, indicate whether the project is being entered into the Middle School or High School category)
- 4) **INSPIRATION** – what made you think of this idea/product/project
- 5) **CONCEPT** – explain your idea/product/project
- 6) **BENEFIT TO SOCIETY** – how is it beneficial/helpful/useful; how does it improve our quality of life
- 7) **FEASIBILITY** – is it something that can actually be made; is it something that people would really use

Note: Projects advancing to the **Championship Round** will be asked to grant the Memphis-Area Joint Engineers Council permission to use the videotaped Zoom or MS Teams presentations and/or photographs of the contestants in any and all of its publications, including website entries, without payment or any other consideration.

PRIZES!!!

Individual winners receive a cash prize in addition to the school prizes outlined below. The Middle School and High School divisions are evaluated separately.

First Place Middle School	School certificate & \$400 for school fund
Second Place Middle School	School certificate & \$300 for school fund
Third Place Middle School	School certificate & \$200 for school fund
First Place High School	School certificate & \$400 for school fund
Second Place High School	School certificate & \$300 for school fund
Third Place High School	School certificate & \$200 for school fund

For any school that does not receive an award, there is a \$100 Participation award.

QUESTIONS??

Contact Ryan Groves, Contest Chairman

Phone: 931-206-8868, email: rgroves@mlgw.org