



ASME STUDENT DESIGN COMPETITION

We will be returning to IN-PERSON [ASME EFx®](https://efests.asme.org/) events in academic year 2022-2023! EFx events will be IN-PERSON, locally organized throughout the world and several EFx events will include our ASME competitions. Please visit the ASME E-Fest website for an updated list of events at <https://efests.asme.org/>. Events will be added as they are confirmed.

ASME will ALSO continue to host our two signature FULLY virtual events: E-Fest Careers (Nov. 12, 2022) and E-Fest Digital (March 25, 2023).

We encourage students, competitors, and faculty members to take advantage of the learning experiences provided by both our competitions and other digital offerings throughout the year.

Not all EFx events will have every competition available. Check that SDC is available at that event before registering.

Official responses to questions supersede original competition statements as well as any earlier question responses where there is contradiction. The questions are numbered sequentially as responded to, where Answer 1 is the earliest response.

Information about the ASME E-Fests can be found at: efests.asme.org

(Questions will answered about the 2023 ASME SDC until February 1, 2023)

Q&A Update November 22, 2022

Question 1:

- Does a device that catches the wind from the fan and directly uses that wind to propel it count as having wind energy?
- What happens if the weights are automatically unloaded, but then they fall off of the unloading zone?
- How are the ramps and unloading platform going to be manufactured?

Answer 1:

- Devices that are directly propelled by the wing count as having wind energy
- Weights must remain on the unloading platform to count

- The ramps and unloading platform will most likely be fabricated from unfinished wood. They will be relatively smooth, and will meet the dimensions given in the competition rules. Devices should be able to function on a variety of surfaces and reasonable transitions from the ground to the platform.