

Event Profile - Architectural Design

Participants (one team, or one individual, per chapter; one entry per team or individual) develop a set of architectural plans and related materials for an annual architectural design challenge and construct a physical, as well as a computer-generated model, to accurately depict their design.

Participants in this event should concentrate their efforts on understanding all aspects of the design challenge prior to beginning the planning and design process

This is especially a fun activity when done with a partner and takes extensive time, research, and teamwork. This both builds knowledge in the subject of architectural design and expand your understanding of basic engineering concepts. .

At the conference, contestants will be expected to do or have:

- A model made with the approved list of materials given by the TSA guide.
- A 3-D modeling/rendering drawing of the individual/team's final design with appropriate details included
- A design including the required rooms and design aspects required by the current year's design brief.
- A Team LEAP Leadership Resume to be submitted at event check-in.
- Check in their entries and LEAP Leadership Resume at the time and place stated in the conference program. No more than two (2) team members submit and place the model and documentation.
- Multiple copies of the documentation required both on a flash drive and on paper.
- Have 2 flash drives: one that is being judged and a second in case any issues come up and both should be tested multiple times on multiple computers before given

Below are some examples of houses built in previous years

