



## Rules & Guidelines for Challenge Day

- SAFETY is our number one concern
- ALL motion must be controlled using fluid power
- Use your materials wisely. Only limited numbers of components are provided for exploration and building a prototype, and at the Challenge
- Only use the tools provided in your kit
- Document everything in your portfolio
- On Challenge Day all materials will be provided except for tools. Remember to bring *only* the tools listed
- Use your time wisely – a limited time will be allowed for testing of your device on the Challenge Day
- Teachers, adults and volunteers are there to observe the students, not design, document or build prototypes or finalized design.
- **Please refer to this [website](#) for the most current information regarding the Florida TSA State Conference**

On the Challenge Day the team, with a fresh set of building materials and their portfolio to work from, has about three hours to build, test and refine their device. The team then demonstrates their device during a two-minute period. The demonstration is recorded. Using the *In-School Scoresheet* and the *Judges Rubric* their device and work habits are evaluated.

Still images, the demonstration video and the team's notebook-portfolio, and the *In-School Scoresheet* are submitted electronically to the judges by a specified deadline date for evaluation. The judges score each team's efforts and enter these scores on a master sheet. The team with the highest total score will be declared the winner.

The environment for the event on the competition day needs to be one in which the team can work, undisturbed, for 3½ hours. Arrangements will need to be made for supervision, food and washroom and other breaks, 30-minute interval photo-taking and recording video of the team demonstrating their device.

It is worth noting that the judges will need to see evidence of the progressive construction of the final device and the contribution of each team member so that a fair assessment and final evaluation of the team's efforts can be made.

**GOOD LUCK & HAVE FUN!**



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