

Principles of Technology

Purpose: To evaluate each contestant's understanding of basic technical concepts/principles of the applied sciences and their ability to demonstrate and explain the concept/principle in action and application.

Clothing: Official SkillsUSA dress or business-like attire

Contestants: In order for a CTPD to have a contestant, that CTPD must have an approved Principles of Technology program in place. Open to all active members of SkillsUSA who are enrolled or have completed a course in Principles of Technology. One contestant from each school that has registered for this contest on the Regional registration form (open to postsecondary and secondary). This contest will go straight to State unless we have more than 20 registered on the Regional Intent Form.

Special information:

Demonstrations with moving devices and/or chemicals of any nature require safety precautions. There will be a penalty for infractions of safety procedures during the demonstration. A serious infraction will result in the contestants being asked to discontinue the demonstration, at the discretion of the judges.

The judges will remain seated at the judging table and the contestants are to remain in the 8' x 12' space provided for their demonstration. If any part of the demonstration needs to be made visible to the judges from another angle or close up, it is the responsibility of the contestant to provide a means of viewing for the judges within the above limitations. The contestants will be provided a table; however, if the table does not need to be used, the floor area within the space provided may be used.

Tools to be provided by contestants:

Three copies of discussion paper (3 per demonstration)

Equipment and materials to complete one demonstration

Any safety equipment that is necessary (safety glasses, apron, etc.)

Scope of the Contest

Demonstrations will be evaluated based on format identified in the Scope of the Contests in the 2010 SkillsUSA Championships Technical Standards.