

# Team Engineering Challenge (Middle School)



**Purpose:** This contest is designed to evaluate and to recognize outstanding students for excellence and professionalism in the areas of creative and critical thinking skills and the decision-making process, to solve a problem. The contest is intended to foster creativity, innovation, teamwork, and problem-solving skills.

<b>Contest Location</b>	<ul style="list-style-type: none"> <li>▪ D-280</li> </ul>
<b>Eligibility</b>	<ul style="list-style-type: none"> <li>▪ Please refer to the National Technical Standards.</li> <li>▪ Three (3) teams from each school that has pre-registered to be part of the event.</li> </ul>
<b>Clothing</b>	<ul style="list-style-type: none"> <li>▪ Competition T-shirt</li> <li>▪ No jeans or shorts</li> <li>▪ No open toed shoes or sandals. Students can wear tennis shoes or work boots, but laces must be tied               <ul style="list-style-type: none"> <li>• School name, contestant name and logo's must be covered with tape</li> </ul> </li> </ul>
<b>Testing</b>	<ul style="list-style-type: none"> <li>▪ Students should be prepared to take a written SkillsUSA knowledge test. (Required for all contestants prior to contest day)</li> </ul>
<b>Provided by Contestant (Tool List)</b>	<p><u>Personal Tools</u></p> <ul style="list-style-type: none"> <li>▪ Drawing equipment (team's choice – for example: ruler, straightedge, T-square, triangle, scale, pencils, pens, compass, etc.)</li> <li>▪ Safety glasses</li> <li>▪ Calculator (cannot use cell phone)</li> <li>▪ Scissors</li> <li>▪ Exacto-knife or equivalent</li> <li>▪ Coloring/Writing utensils (Markers, crayons, colored pencils, etc.)</li> <li>▪ Paint is not allowed.</li> <li>▪ Students are not allowed materials that will “add” to their prototype</li> <li>▪ Tape, glue, paper, staples, paper clips, etc.</li> </ul>
<b>Special Notes</b>	<ul style="list-style-type: none"> <li>▪ <b>This is an OPEN contest.</b></li> <li>▪ Orientation is for contestants only and is closed to advisors.</li> <li>▪ Contestants must wear their official contest clothing to the contest orientation meeting.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ No smart watches, phones, or earbuds are permitted during the contest and/or in contest.</li> <li>▪ No contact with anyone outside of the contest area once the contest begins</li> <li>▪ No inappropriate communication between contestants such as verbally degrading another contestant.</li> <li>▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing</li> </ul>
<p style="text-align: center;"><b>National Technical Standards</b></p>	<ul style="list-style-type: none"> <li>▪ Please refer to the 2022-2023 National Technical Standards for all contests. Any and all standards included may be tested in any competition.</li> <li>▪ In conjunction with National Standards, violations may result in student loss of contest.</li> </ul>
<p style="text-align: center;"><b>Resume</b></p>	<ul style="list-style-type: none"> <li>▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>▪ All contestants must have a hard copy of a one (1) page personal resume.</li> </ul>