

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.

<p>Contest Location</p>	<ul style="list-style-type: none"> ▪ D-280 ** Contest in A, B, C or D Hall will not be able to leave for lunch, please select “Contestant Plus” when registering or having contestant prepared to purchase lunch with credit card at vendors in the Exhibit Hall.
<p>Special Notes</p>	<ul style="list-style-type: none"> ▪ Exhibit Halls do not open to observers until 12:00 pm. ▪ Orientation is for contestants only and is closed to advisors. ▪ Contestants must wear their official contest clothing to the contest orientation meeting. ▪ No smart watches and/or phones are permitted during the contest and/or in contest ▪ No contact with anyone outside of the contest area once the contest begins ▪ No inappropriate communication between contestants such as verbally degrading another contestant. ▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.
<p>Testing</p>	<ul style="list-style-type: none"> ▪ N/A
<p>Eligibility</p>	<ul style="list-style-type: none"> ▪ Three (3) team from each school that has pre-registered to be part of the event.
<p>Clothing</p>	<ul style="list-style-type: none"> ▪ Jeans (with no holes) or Khakis accepted (no shorts). ▪ No open toed shoes or sandals. Students can wear tennis shoes or work boots, but laces must be tied ▪ Short sleeve polo, button up shirts and plain non-graphic T-shirt also acceptable. ▪ School name, contestant name and logo’s must be covered with tape.
<p>Provided by Contestant</p>	<ul style="list-style-type: none"> ▪ Drawing equipment (team’s choice – for example: ruler, straightedge, T-square, triangle, scale, pencils, pens, compass, etc.) ▪ Safety glasses

<p>(Tool List)</p>	<ul style="list-style-type: none"> ▪ Calculator (cannot use cell phone) ▪ Scissors ▪ Exacto-knife or equivalent ▪ Coloring/Writing utensils (Markers, crayons, colored pencils, etc.) ▪ Paint is not allowed. ▪ Students are not allowed materials that will “add” to their prototype ▪ Tape, glue, paper, staples, paper clips, etc.
<p>Competition Standards (Not all will be tested but contestant should be knowledge of all)</p>	<p>Please refer to the National Technical Standards</p>