

*Engineering Solutions Event Scoring Rubric*

	<b>15 points</b>	<b>10 points</b>	<b>5 points</b>	<b>0 points</b>
<b>Brainstorming</b>	Team uses provided materials to brainstorm; focus is on defined problem; team records notes and exhibits teamwork.	Team works together and uses materials but sometimes veers away from discussing problem. Team takes notes.	Team does not stay focused on problem but does generally work together. Team does not take notes.	Team does not work together.
<b>Making and Testing Model</b>	Team constructs model and collects data that can be used to solve the problem.	Team constructs model but does not collect enough data to solve the problem.	Team constructs model but does not collect data.	Team does not construct a model.
<b>Applying and Refining Model</b>	Team applies model to new aspect of problem and makes refinements; team is able to successfully use model in new aspect of problem.	Team applies model to new aspect of problem and makes refinements; however, team is not successful in completing the new aspect of the problem.	Team applies model to new aspect of problem but is NOT able to make refinements.	Team does not apply model.
<b>Communicating Process and Results</b>	Team is able to communicate design solution and reasoning to judges and peers correctly using scientific terms while addressing predictions made using data.	Team is able to communicate design solution and reasoning to judges but may not use scientific terms OR address predictions made using data.	Team communicates somewhat clearly but incorrectly applies scientific terms and is not able to describe predictions in terms of data.	Team is unable to describe solution and process used to achieve the solution.

**60 points total**