



Referees / Judges Award Rubrics

The Engineer Award

The Engineer Award will be given to a team that has designed and built a robot that balances creative and innovative design, function and attention to detail. This team will have built a robot that is well constructed and has attention to safety in both design and construction. The winner of this award will have engineered a quality robot at all levels.

<u>Engineer Award</u>											
Team # _____	Developing			Proficient				Exceptional			Score
Quality is designed into the robot. Attention is given to details. It is well constructed, robust, and clean.	1	2	3	4	5	6	7	8	9	10	
Creativity and innovation is demonstrated in both design and function.	1	2	3	4	5	6	7	8	9	10	
Robot is designed and built with attention to safety. (Look for things like: no jagged sharp edges on metal or axles, wires securely fastened to the chassis, wheels properly, firmly attached, no assemblies that pose entanglement risks, etc.)	1	2	3	4	5	6	7	8	9	10	
Inspection Score (0-10)											
Notes:	Total Score:										

The Honor Award

This is the highest award presented by the CREATE Foundation. The recipient of this award is a team that is a model of integrity and honesty. They are determined, hardworking, and honor the competition by competing to the best of their ability and honor the engineering process by their collaborative and creative work. This team excels in their on-field performance, , interview with the judges and their interactions with each other, other teams, and tournament officials. They exhibit a desire to learn, share information, and help others. This team not only designs quality into their robot but into their team as well. **Team must finish within the top 50% of qualification rankings, and within the top 50% of Skills Rankings (if offered), of all teams competing, in order to qualify for this award.**

(Honor Award winning team qualifies for the U.S. Open Robotics Championship)

<u>Honor Award</u>											
Team # _____	Developing			Proficient				Exceptional			Score
Quality is designed into the robot. Creativity is demonstrated in design.	1	2	3	4	5	6	7	8	9	10	
Team is determined, hardworking, and has great desire for learning.	1	2	3	4	5	6	7	8	9	10	
Team displays honesty and integrity in their design and in their personal conduct.	1	2	3	4	5	6	7	8	9	10	
Team shares responsibilities among all members.	1	2	3	4	5	6	7	8	9	10	
Team demonstrates collaboration within their team and with other teams. Team members are happy to share information.	1	2	3	4	5	6	7	8	9	10	
Team competes to the best of their ability and excels in the game. Team must finish within the top 50% of all teams competing in order to qualify for this award.	1	2	3	4	5	6	7	8	9	10	
Team excels during interactions with judges, officials, other teams, and with each other.	1	2	3	4	5	6	7	8	9	10	
Team demonstrates understanding of real world connections to the theme of the game, including scientific principles.	1	2	3	4	5	6	7	8	9	10	
Notes:	Total Score:										

The Exploration Challenge Award

(Optional Award, not given at all events)

The Exploration Challenge Award will be given to a team that best learns about a topic related to this year's theme. The recipient of this award is a team that has thoroughly studied a topic of their own choosing and is able to share this knowledge accurately and effectively with others. Judges will look for depth of knowledge and excellence in communication. The method used to communicate is completely left up to each team. Handouts, graphs, charts, and other communication aids are welcome, but the most important aspect will be the knowledge of all members of the team and their ability to share what they have learned.

<u>Exploration Challenge Award</u>											
Team # _____	Developing			Proficient				Exceptional			Score
Topic was clearly defined and communicated well.	1	2	3	4	5	6	7	8	9	10	
Topic was thoroughly studied.	1	2	3	4	5	6	7	8	9	10	
Team was able to effectively and accurately share what they have learned.	1	2	3	4	5	6	7	8	9	10	
All team members participated in the presentation.	1	2	3	4	5	6	7	8	9	10	
Team demonstrated enthusiasm for what they have learned.	1	2	3	4	5	6	7	8	9	10	
Team demonstrates understanding of real world connections to the topic they studied.	1	2	3	4	5	6	7	8	9	10	
Notes:	Total Score:										