

VRC Awards Scoring and Ranking

The Event Partner and Judge Advisor should determine which of the following 4 pages are to be used at an event and print them accordingly.

Notes:

- Pages 2 and 3 below are score sheets.
- Pages 4 and 5 below are descriptions of the awards from the awards appendix. Not all events will need all sheets.
- Events only giving awards on page 2 will only need to print pages 2 and 4 for Judges.
- Events giving only the awards on page 3 will only need to print pages 3 and 5.

The Judge Advisor should instruct Judges to fill out the score sheets as follows:

“Each time you meet a team, fill in a row of scores on each scoring and ranking sheet, then rank each team for each award. Compare each new team to the teams you ranked before. Give the new team the appropriate number of tick marks and add one tick mark to the rank of each lower-ranked team.”

Remember to look for Judges’ Award Candidates! The Judges’ Award goes to a team the Judges decide is deserving of special recognition. Judges consider a number of possible criteria for this award, such as team displays of special attributes, exemplary effort and perseverance at the event, and team accomplishments or endeavors throughout the season that may not fall under existing awards but are nonetheless deserving of special recognition.”

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Team #	All	Amaze			Build			Create			Think			Division	
														Judge	
														Check list suggestion for each interview 1. Write team number below. 2. First picture of team is the pit sign 3. Interview team 4. Robot picture include team number 5. Have team pick and place judge dot on pit sign 6. Wish team success and say goodbye 7. Score each award 8. Adjust all award ranks using tick marks 9. Consider team for judge award (e.g. Special effort, effort, perseverance, season accomplishments)	
Notes & Comments	(Continue on other side)														

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<p>Score each criteria cell 1 to 5, (5 is best) Adjust Ranks after each interview. Use tick marks. (1 tick mark is best)</p>	Teamwork, interview quality, professionalism	Ingenious/innovative engineering design	Soundly crafted, effective problem solution	Solution integrated into overall well-crafted robot	Understand & explain innovative feature	Innovate Award Ranking	Courteous, respectful, helpful to all at event	Spirit of friendly competition/cooperation	Respect & help event staff & others	Excitement & enthusiasm	Sportsmanship Award	High level of excitement and enthusiasm	Enriches event for all by passion for competition & robotics	Energy Award Ranking	<p>Division</p> <p>Judge</p> <p>Check list suggestion for each interview</p> <ol style="list-style-type: none"> 1. Write team number below. 2. First picture of team is the pit sign 3. Interview team 4. Robot picture include team number 5. Have team pick and place judge dot on pit sign 6. Wish team success and say goodbye 7. Score each award 8. Adjust all award ranks using tick marks 9. Consider team for Judge Award (e.g. Special effort, effort, perseverance, season accomplishments)
	Team #	All	Innovate				Sportsmanship				Energy		Notes & Comments (Continue on other side)		

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The **Amaze Award** is presented to a team that has built an amazing, high-scoring and competitive robot that clearly demonstrates overall quality.

Key criteria:

- Robot design is consistently high-scoring and competitive
- Robot demonstrates a solid mechanical design and is robustly constructed to fulfill designed task
- Robot programming and autonomous mode are consistently effective and successful
 - Integration of sensors for use in both autonomous and tele-operated mode
- Teamwork, interview quality, and team professionalism

The **Build Award** is given to a team that has built a well-crafted and constructed robot that also shows a clear dedication to safety and attention to detail.

Key criteria:

- Robot construction is of professional quality; robust, clean and elegant use of materials
 - Solid construction (robot doesn't "wobble")
 - Robust drive train and mechanisms
 - Subsystems cleanly integrated, thought out and purposeful
- Robot efficiently uses mechanical and electrical components
- Robot is designed with a clear dedication to safety and attention to detail
- Robot demonstrates reliability on the field and holds up under competition conditions
- Teamwork, interview quality, and team professionalism

The **Create Award** is earned by a team that has a robot design that incorporates a creative engineering solution to the design challenges of this season's game.

Key criteria:

- Robot is a well-crafted, unique design solution, demonstrating creative thinking
- Team has demonstrated a highly creative engineering design process and methodology
- Team has committed to ambitious and creative approaches to playing the game
- Teamwork, interview quality, and team professionalism.

The **Think Award** is presented to a team that has successfully utilized autonomous programming modes during competition.

Key criteria:

- All programming is cleanly written, well documented, and easy to understand
- Team has explained a clear programming strategy to solve the game challenge
- Team demonstrates their programming management process, including version history
- Team's autonomous code is consistent and reliable
 - Use of advanced programming techniques and/or sensors to control motion
 - Multiple autonomous modes
 - A simple mode which works consistently is preferred over a jaw dropping mode which only works occasionally
- Teamwork, interview quality, and team professionalism

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The **Innovate Award** is presented to a team that has demonstrated a strong combination of ingenuity and innovation in designing their VEX robot. This award will typically recognize a specific, unique piece of engineering that exemplifies thinking outside of the box and innovative engineering design. This robot feature should also be a part of the engineering design solution that solves the complex problems presented by the VRC game.

Key criteria:

- Robot design demonstrates an ingenious and innovative piece of engineering
- Innovative feature is soundly crafted and is an effective solution to a design problem
- Innovative solution is integrated as a part of an overall well-crafted robot
- Students understand and explain why the innovative feature was necessary
- Teamwork, interview quality, and team professionalism

The **Sportsmanship Award** is presented to a team that has earned the respect and admiration of the volunteers and other teams at the event. VEX Worlds uses ballots for this award.

Key criteria:

- Team is courteous, helpful, and respectful to everyone at the event, on and off the field
- Team treats others on the playing field in the spirit of friendly competition and cooperation
- Team demonstrates respect and willingness to help event staff, other teams and spectators
- Team demonstrates excitement and enthusiasm throughout the event

The **Energy Award** is presented to a team that displays a high level of enthusiasm and passion at the event.

Key criteria:

- Team maintains a high level of excitement and energy throughout the event
- Team's passion for competition and robotics enriches the event experience for others
- Teamwork, interview quality, and team professionalism