



Judging Interview Feedback Form

Team Number: _____

Team Name: _____

☐ Team Submitted a Portfolio
(Check if Submitted)

Think Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	PORTFOLIO must include engineering content, which includes <u>at least one</u> of the following examples: A. evidence of use of the engineering process, B. lessons learned, C. trade off analysis/cost benefit analysis, and/or D. mathematical analysis used to make design decisions	Not evaluated in the formal interview.				
	2	Team should be able to discuss, describe, display, or document the engineering content contained in their PORTFOLIO during the formal and pit interviews.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encouraged	3	Team PORTFOLIO may include information about technical resources, which includes any number of the following examples: A. how the team acquire new mentors, B. how the team learns from team mentors, and/or C. development plan for team members to learn new skills	Not evaluated in the formal interview.				
	4	PORTFOLIO information is organized in a clear and intuitive manner.					

Connect Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	Team must describe, display, or document a team plan that covers <u>all</u> of the following: A. The team's goals for the development of team member skills, and B. The steps the team has taken or will take to reach those goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	Provide examples of developing in person or virtual connections with individuals in the engineering, science, or technology community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encouraged	3	Provide examples of how it actively engages with the engineering community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Innovate Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	Team must describe, display, or document examples of the team's engineering content that illustrate how the team arrived at their design solution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	ROBOT or ROBOT MECHANISM is creative and unique in its design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	Creative design element must be stable, robust, and contribute positively to the team's game objectives most of the time.	Not evaluated in the formal interview.				
Encouraged	4	Creative designs often come with additional risks, the team should document or describe how they mitigated that risk.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Motivate Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	Team must describe, display, or document an organizational plan, which includes <u>at least one</u> of the following examples: A. team or organization goals, B. finances and financial sustainability plan, C. risk management planning, D. season timeline project planning, and/or E. outreach and service plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	Discuss, describe, display, or document the individual contributions of each team member, and how these apply to the overall success of the team.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encouraged	3	Is an ambassador for <i>FIRST</i> programs and successfully recruits people who were not already active within the STEM community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	Evidence of using lessons learned from outreach activities to improve future events.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	Has a creative approach to materials that market their team and <i>FIRST</i> .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Control Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	The PORTFOLIO must include <u>all</u> of the following: A. hardware and/or software control COMPONENTS on the ROBOT, B. which challenges each COMPONENT or system is intended to solve, and C. how does each COMPONENT or system work	Not evaluated in the formal interview.				
	2	Team must use one or more hardware or software solutions to improve ROBOT functionality by using external feedback and control.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encouraged	3	The control solution(s) should work consistently during most MATCHES.	Not evaluated in the formal interview.				
	4	Team could describe, display, or document how the solution should consider reliability, either through demonstrated effectiveness or identification of how the solution could be improved.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	Use of the engineering process to develop the control solutions (sensors, hardware and/or algorithms) used on the ROBOT includes lessons learned.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Design Award			N/A	Beginning	Developing	Accomplished	Exemplary
Required	1	A team must be able to describe or demonstrate how their ROBOT is elegant, efficient (simple/executable), and practical to maintain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	The entire machine design, or the detailed process used to develop the design, is worthy of this recognition, and not just a single COMPONENT.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Encouraged	3	The ROBOT distinguishes itself from others by its aesthetic and functional design.	Not evaluated in the formal interview.				
	4	The basis for the design is well considered (that is inspiration, function, etc.).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	Design is effective and consistent with team's game plan and/or strategy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Items highlighted in gray are not generally a part of the formal interview process. Judging Feedback covers only content shared during the formal interview process, and does not include content from the portfolio, pit interviews, or performance observed in matches.