



Judging Rubric

Team # _____ Name _____ Room _____

Directions: For each skill area, clearly mark the box that best describes the team's accomplishments. Please provide as many written comments as you can to acknowledge each team's hard work and to help teams improve. *When you have completed the evaluation, please circle the team's strengths.*

Beginning = Significantly less than description. Developing = Less than description. Accomplished = Meets description, Exemplary = Exceeds description

Project	Research	Clear definition of the problem being studied; the quality and variety of sources cited including professionals in the field; the extent to which existing solutions were analyzed				
	<i>Accomplished: mostly clear; detailed; sufficient quality and variety including professionals; sufficient study and analysis by team</i>		Beginning	Developing	Accomplished	Exemplary
	Innovative Solution	Clear explanation of proposed solution; degree to which the team's solution makes life better by improving existing options, developing new applications, or a new idea; use of a systematic process to develop the solution				
	<i>Accomplished: Understandable; original solution/application with the potential to add value; systematic and well-explained, including evaluation or verification</i>		Beginning	Developing	Accomplished	Exemplary
Robot Design	Presentation	Degree to which the team shared their Project before the tournament with others who might benefit. Effectiveness of message delivery and presentation creativity				
	<i>Accomplished: shared with one individual or group who may benefit; engaging AND imaginative; mostly clear; mostly organized</i>		Beginning	Developing	Accomplished	Exemplary
	Comments:					
Robot Design	Mechanical Design	Economic use of parts and time; easy to repair and modify with evidence of structural integrity and the ability of the robot to move or act with appropriate speed, strength & accuracy for intended tasks				
	<i>Accomplished: rare faults/repairs; appropriate use of parts and time to repair/modify; appropriate balance of speed, strength and accuracy on most tasks</i>		Beginning	Developing	Accomplished	Exemplary
	Programming	Modular, understandable programs that are appropriate for intended purpose and would achieve consistent results using mechanical or sensor feedback				
	<i>Accomplished: should achieve purpose repeatedly; appropriate code and easy to understand; robot moves/acts as intended repeatedly w/ occasional driver intervention</i>		Beginning	Developing	Accomplished	Exemplary
Robot Design	Strategy & Innovation	Ability to develop and explain improvement cycles where alternatives are considered; ability to clearly define and describe the team's game strategy which includes unique, or unexpected feature(s) that are beneficial in performing the specified tasks				
	<i>Accomplished: systematic and well-explained; clear strategy to accomplish the team's well defined goals; original feature(s) with the potential to add significant value</i>		Beginning	Developing	Accomplished	Exemplary
	Comments:					
Core Values	Inspiration	Balanced approach to all three aspects while team shows enthusiasm and fun expression of team identity and demonstration of application of FIRST LEGO League values				
	<i>Accomplished: emphasis on all three aspects; team is enthusiastic and fun; clear identity; team able to describe multiple examples</i>		Beginning	Developing	Accomplished	Exemplary
	Teamwork	Problem solving and decision making processes explained while appropriate balance between team responsibility and coach guidance				
	<i>Accomplished: clear team goals and processes; excellent time management and role definition allows team to accomplish most goals; Good balance between team responsibility and coach guidance</i>		Beginning	Developing	Accomplished	Exemplary
Core Values	Gracious Professionalism	Consideration and appreciation for the contribution of all team members and demonstration that the team competes in the spirit of friendly competition				
	<i>Accomplished: balanced team involvement AND appreciation for contributions of most team members; almost always evident with all team members</i>		Beginning	Developing	Accomplished	Exemplary
	Comments:					