



Core Values

Team Number 7052
 Judging Room _____

Sailing Intertours

Directions: For each skill area, clearly mark the box that best describes the team's accomplishments. If the team does not demonstrate skill in a particular area, then put an 'X' in the first box for Not Demonstrated (ND). 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 areas of strength.

	Beginning	Developing	Accomplished	Exemplary
Inspiration	Discovery Balanced emphasis on all three aspects (Robot, Project, Core Values) of FIRST LEGO League; it's not just about winning awards			
	ND emphasis on only one aspect; others neglected	emphasis on two aspects; one aspect neglected	emphasis on all three aspects	balanced emphasis on all three aspects
	Team Spirit Enthusiastic and fun expression of the team identity			
Inspiration	ND minimal enthusiasm AND minimal identity	minimal enthusiasm OR minimal identity	team is enthusiastic and fun; clear identity	team engages others in their enthusiasm & fun; clear identity
	Integration Application of FIRST LEGO League values and skills outside FIRST LEGO League (ability to describe current and potential examples from daily life)			
Comments:	ND team does not apply values and skills outside FIRST LEGO League	team able to describe at least one example	team able to describe multiple examples	team able to describe multiple examples, incl. individual stories

Teamwork	Effectiveness Problem solving and decision making processes help team achieve their goals			
	ND team goals AND team processes unclear	team goals OR team processes unclear	clear team goals and processes	clear processes enable team to accomplish well defined goals
	Efficiency Resources used relative to what the team accomplishes (time management, distribution of roles and responsibilities)			
Teamwork	ND limited time management AND unclear roles	limited time management OR unclear roles	excellent time management and role definition allows team to accomplish most goals	excellent time management and role definition allows teams to accomplish all goals
	Kids Do the Work Appropriate balance between team responsibility and coach guidance			
Comments:	ND limited team responsibility AND excessive coach guidance	limited team responsibility OR excessive coach guidance	Good balance between team responsibility and coach guidance	team independence with minimal coach guidance

Impressed by schedule that rotated all members through all areas

Gracious Professionalism®	Inclusion Consideration and appreciation for the contributions (ideas and skills) of all team members, with balanced involvement			
	ND unbalanced team involvement AND lack of appreciation for contributions	unbalanced team involvement OR lack of appreciation for contributions	balanced team involvement AND appreciation for contributions of most team members	balanced team involvement AND appreciation for contributions of all team members
	Respect Team members act and speak with integrity so others feel valued-- especially when solving problems or resolving conflicts			
Gracious Professionalism®	ND not evident with majority of team members	evident with majority of team members	almost always evident with all team members	always evident, even in the most difficult situations
	Coopertition® Team competes in the spirit of friendly competition and cooperates with others			
Comments:	ND not evident with majority of team members	evident with majority of team members	almost always evident with all team members	always evident, even in difficult situations--and team actively helps other teams

Funny team + shirts and enthusiastic cheer

Strengths: Inspiration Teamwork Gracious Professionalism®



Project

Team Number 7052

Judging Room S203

Directions: For each skill area, clearly **mark the box that best describes the team's accomplishments.** Teams should demonstrate everything at the level; if they are missing part, mark the level below. If the team does not demonstrate an area, put an 'X' in the first box for Not Demonstrated (ND). 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 areas of strength.*

		Beginning	Developing	Accomplished	Exemplary
Research	Problem Identification *	Clear definition of the problem being studied			
	N D	unclear; few details	partially clear; details missing	mostly clear; detailed	clear; very detailed
	Sources of Information	Quality and variety of data/evidence and sources cited			
	N D	minimal quality; variety limited	quality OR variety need improvement; did not include professional(s)	sufficient quality and variety; included professional(s)	extensive quality and variety; included multiple professionals
	Problem Analysis	Depth to which the problem was studied and analyzed by the team, including extent of analysis of existing solutions			
Comments	N D	minimal study; no analysis	minimal study; some analysis	sufficient study and analysis	extensive study and analysis
	Good ID of problems however please consult professional (ex: desalination plant engineer)				
	Team Solution *	Clear explanation of the proposed solution and description of how it solves the problem			
	N D	difficult to understand	some parts confusing	understandable	easy to understand by all
	Innovation	Degree to which the team's solution makes life better by improving existing options, developing a new application of existing ideas, or solving the problem in a completely new way.			
Innovative Solution	N D	existing solution/application	solution/application contains some original element(s)	original solution/application; potential added value	original solution/application; demonstrated added value
	Solution Development	Systematic process used to select, develop, evaluate, test, and improve the solution (Implementation could include cost, ease of manufacturing, etc.)			
	N D	process AND explanation need improvement	process OR explanation need improvement	systematic process included evaluation	systematic process included evaluation; implementation considered
	Great job w/ original experimentation and CAD, prototypes built upon each other.				
	Sharing *	Degree to which the team shared their Project before the tournament with others who might benefit from the team's efforts			
Presentation	N D	shared with family / friends	shared outside family / friends (such as classmates)	shared with one audience who may benefit OR one professional	shared with multiple audiences who may benefit OR multiple professionals
	Creativity	Imagination used to develop and deliver the presentation			
	N D	minimally engaging OR unimaginative	engaging OR imaginative	engaging AND imaginative	very engaging AND exceptionally imaginative
	Presentation Effectiveness	Message delivery and organization of the presentation			
	N D	unclear OR disorganized	partially clear; minimal organization	mostly clear; mostly organized	clear AND well organized
Comments	Great solution. Practice A little more practice w/ answering questions would improve presentations.				
	Strengths:	Research	Innovative Solution	Presentation	

*Required for Award Consideration

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		Beginning	Developing	Accomplished	Exemplary	
Mechanical Design	Durability	Evidence of structural integrity; ability to withstand rigors of competition				
	N D	quite fragile; breaks a lot	frequent or significant faults/repairs	rare faults/repairs	sound construction; no repairs	
	Mechanical Efficiency	Economic use of parts and time; easy to repair and modify				
	N D	excessive parts or time to repair/modify	inefficient parts or time to repair/modify	appropriate use of parts and time to repair/modify	streamlined use of parts and time to repair/modify	
Mechanization	Ability of robot mechanisms to move or act with appropriate speed, strength and accuracy for intended tasks (propulsion and execution)					
	N D	imbalance of speed, strength and accuracy on most tasks	imbalance of speed, strength and accuracy on some tasks	appropriate balance of speed, strength and accuracy on most tasks	appropriate balance of speed, strength and accuracy on every task	
Comments:	- DESIGNED TO DO BETWEEN 1 AND 3 MISSIONS THEN TO BACK TO HOME - FRONT BEARING WOULD PREVENT ROT FROM GOING ON RAMP					
Programming	Programming Quality	Programs are appropriate for the intended purpose and would achieve consistent results, assuming no mechanical faults				
	N D	would not achieve purpose AND would be inconsistent	would not achieve purpose OR would be inconsistent	should achieve purpose repeatedly	should achieve purpose every time	
	Programming Efficiency	Programs are modular, streamlined, and understandable				
	N D	excessive code and difficult to understand	inefficient code and challenge to understand	appropriate code and easy to understand	streamlined code and easy for anyone to understand	
Automation/Navigation	Ability of the robot to move or act as intended using mechanical and/or sensor feedback (with minimal reliance on driver intervention and/or program timing)					
	N D	frequent driver intervention to aim AND retrieve robot	frequent driver intervention to aim OR retrieve robot	robot moves/acts as intended repeatedly w/ occasional driver intervention	robot moves/acts as intended every time with no driver intervention	
Comments:	- STRAIGHT FORWARD PROGRAMMING, BUT NO USE OF REUSABLE BLOCKS					
Strategy & Innovation	Design Process	Ability to develop and explain improvement cycles where alternatives are considered and narrowed, selections tested, designs improved (applies to programming as well as mechanical design)				
	N D	organization AND explanation need improvement	organization OR explanation need improvement	systematic and well-explained	systematic, well-explained and well-documented	
	Mission Strategy	Ability to clearly define and describe the team's game strategy				
	N D	no clear goals AND no clear strategy	no clear goals OR no clear strategy	clear strategy to accomplish the team's well defined goals	clear strategy to accomplish most/all game missions	
Innovation	Creation of new, unique, or unexpected feature(s) (e.g. designs, programs, strategies or applications) that are beneficial in performing the specified tasks					
	N D	original feature(s) with no added value or potential	original feature(s) with some added value or potential	original feature(s) with the potential to add significant value	original feature(s) that add significant value	
Comments:	- NO CLEAR SIMILARITY ON HOW WHICH MISSIONS TO TARGET					
Strengths:		Mechanical Design			Programming	Strategy & Innovation

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