

Evaluation Research Project

FIRST LEGO League 2018/19

INTO ORBIT



Team Number _____

Team Name _____

Research Topic _____



**HANDS ON
TECHNOLOGY**

Please mark only <u>one</u> field per row		exemplary	accomplished	developing	beginning
Research	Problem Identification		clear, very detailed	mostly clear, detailed	unclear, few details
	Sources of Information & Expert Consultation		extensive quality and variety; included multiple professionals	sufficient quality and variety; included professional(s)	minimal quality; variety limited
	Problem Analysis depth of the study and analysis		extensive	sufficient	minimal
	Review Existing Solutions	extensive	sufficient	minimal	none
Innovative Solution	Team Solution	easy to understand by all	understandable	some parts confusing	difficult to understand
	Innovation	original solution/application with the potential to add significant value	original solution/application	solution/application contains some original element(s)	existing solution/application
	Implementation costs, ease of manufacturing, etc.	factors well considered and feasible solution proposed	factors well considered; some question about proposed solution	some factors considered	minimal factors considered
	Prototype implemented	Prototype implemented and tested, performable	idea/prototype realized and/or tested	idea/prototype designed	not planned
Presentation	Sharing how the team shared their Project before the tournament with others who might benefit		shared with multiple individuals or groups who may benefit	shared with one individual or group who may benefit	shared with one individual or group
	Originality		very engaging AND exceptionally imaginative	engaging OR imaginative	minimally engaging OR unimaginative
	Presentation Effectiveness		freehand and fluent, well organized	with presentation cards, mostly organized	only read, minimal organized
	Participation of the team		each team member	multiple team members	few or one team member
	Structure			clear	unclear
	Timing			good	too long (> 5 minutes) OR too short (< 3 minutes)
Amount marks per column					

Comments Judges	Bonus Points (max. 5)	<input type="text"/>
	Proposal "Judge's Award"	<input type="text"/>