

FIRST LEGO League Judging Helper—PROJECT
Room # _____ Judges: _____

Instructions: Fill in the table for each team you see (details for top 2-4 teams). This will be helpful when rooms merge lists at the end of the day. You'll be expected to know about each of the areas on the sheet for top teams. If a team doesn't discuss something in the presentation, ask them about it.

Team #:							
Project rank							
Problem – clearly defined, looked @ existing solutions							
Research sources – Variety of experts, internet, books, videos, etc.							
Experts – How many, who, and before and/or after creating solution?							
Sharing – Groups that benefit/ stakeholders							
Presentation – Engaging/ creative							
Implementation – Cost, etc.							
Innovative & Practical – Does it add benefit to society?							
Summary of project (include connection to theme)							
Strength(s) — Research, Presentation, Innovative Solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution	<input type="checkbox"/> Research <input type="checkbox"/> Presentation <input type="checkbox"/> Innovative solution

Sample questions & helpful hints

Category	Look for...	Sample questions
Problem – clearly defined, looked @ existing solutions	Team explains what problem they are solving and identifies why the problem exists	What problem is your solution solving? Do any/which solutions already solve this problem?
Research sources – Variety of experts, internet, books, videos, etc.	Team cites their sources verbally and on presentation materials, teams understanding their sources and not just listing them.	How did you realize that _____ is a problem? How did you realize that _____ would solve the problem?
Experts – How many, who, and before and/or after creating solution?	Team identifies one or more experts who helped them identify a problem, identify a solution, provide feedback, or all of the above.	Did you talk to anyone to realize _____ is a problem? Did you share your solution with any experts? Did you follow up with _____ after creating the solution?
Sharing – Groups that benefit/ stakeholders	Team identifies benefiting groups and outreach to share with those groups.	Did you share your project with anyone who might benefit? Who can benefit most from _____? If you could share your project with one person, who would it be and why?
Presentation – Engaging/ creative	Presentations that captivate your attention, are clear, and detailed.	--
Implementation – Cost & other factors	Team consideration of costs and other obstacles in implementation?	How much will this project cost? Who will pay for it? How will you accomplish _____? (Example: for a project requiring a lot of land, ask how they would acquire the land and which land they might use)
Innovative & Practical – Does it add benefit to society?	Team explains the necessity of the solution and the legitimacy of the problem. Team showcases innovative components and differences between their solution and existing solutions.	(If unclear) How does your solution solve the problem of _____? What is unique about your solution? In what ways is your solution better for society than the existing one(s)?

CITY SHAPER CHALLENGE

Each team is responsible for explaining to you how their project relate to the theme. If they do not, please ask.

"... please remember that ultimately, it is each team's responsibility to explain their choice of a particular topic / problem to event judges. The Innovation ***Project problem statement directs teams to find "a problem with a building or public space in your community."*** Some topics will lend themselves to an easier explanation regarding a linkage to a building or public space than others. So, please keep in mind the **Challenge's overall emphasis is on architecture, civil engineering and city planning** when making your decision about a topic."