

Project Sample Questions

Research: Problem Identification

- How did your team decide which problem to study?
- Describe the problem your team selected in three sentences or less.
- What are the most important things to understand about the problem that you studied?

Research: Sources of Information

- What resources did you use to research your problem and why did you choose these?
- Did you use any unusual methods to research your topic? If so what and why?
- Did you speak to anyone whose work relates to the Challenge area? What did you learn from them?
- What was the most helpful resource that your team used? Why?
- If you had to start your research over, which resource would you use first? Why?

Research: Problem Analysis

- How did your team organize and use its research?
- After working on this project, what is the most important thing that your team learned?
- Can you tell us about a problem you discovered or something that you learned that surprised you while completing this project?

Research: Review Existing Solutions

- Are you aware of anyone else who has studied the problem you chose?
- How have other people tried to solve the problem you identified?
- Did the information you found offer different ideas than what you expected to find? If so, what and how did your team use this information?

Innovative Solution: Team Solution

- Describe the solution your team identified in three sentences or less.
- What are the most important things to understand about the solution that you developed?
- How did you arrive at your solution and why?
- Were there other solutions that you thought of that you decided not to use? Why?

Innovative Solution: Innovation

- What makes your solution different from what is being used to solve this problem now, and why do you think it is better?

Innovative Solution: Implementation

- If someone tried to use your solution today, would it be possible?
- What kinds of things would be important to think about if you tried to use your solution right now?
- What resources would you need to develop your solution?

- Do you think your solution would be easier or less costly than other solutions you considered or are used by others?

Presentation: Effectiveness

- How many/what different presentation styles did your team consider?
- Why did you choose the presentation style that you chose? How does this style help your audience understand what you are telling them?
- When you have given your presentation to others, what types of questions have they asked?
- Describe how you chose what information to include in your presentation.
- Why did you choose to organize your presentation the way you did?

Presentation: Creativity

- How did you decide on this presentation style that you used?
- What do you think was the most creative aspect of your presentation or project and why?
- How is the way your team chose to present your Project special or unique?

Presentation: Sharing

- One aspect of the project asked you to share your ideas with others. How did your team do this?
- With whom did you share your project? Why did you choose them?
- How did you share the information? Did you present it in the same manner as you presented to us, or did you choose a different approach? Why?
- What impact did your presentation have on them?
- What changes have you or others made as a result of your research and presentation?

Look for:

- Documentation of resources used.
- Depth of the information provided.
- All students participated in the research process, or understand the process and results of the team's research.
- Supporting printed materials provided to judges.
- Entire team participating in discussion.
- How the team interacts with each other.
- Do they all talk, or only a few? If so, why?
- Does the team look to the coach often or are they focused on the presentation and judges.
- Noteworthy observations about FLL Core Values to share with the judging team