Research and Project Session
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I have been a Nativity of Mary Nighthawks coach for 5 years!
What is this year’s project about?
Five steps to an FLL project

1. Think about it
2. Identify your FLL Animal Allie Question
3. Create and Innovative Solution
4. Share with others
5. Present your solution at a tournament
Step #1 Think about it
Have your team think about this year’s Challenge theme!

- Brainstorm: Think about how animals and humans interact.
- Have your team pick a situation in which people and animals interact, then identify a specific problem they want to solve.
Step#2 Identify Questions

- When people interact with your animal, is it on purpose or by accident?
- Does the interaction help or hurt people, the animal or both?
- Can you see a way that the interaction could be better for both?
Step #3 Create a Solution

- Create an innovative solution that can help both humans and animal interaction.
- Use the team’s research and design your team’s solution.
- Is your idea different in some way from all the solutions you’ve researched?
- What does your solution cost?
- Can anyone use your solution or only some people?
Step #4 Share with others
Once your solution is ready, share it!

- Tell others about your research question and your ideas.
- Choose how to share what you’ve learned
  - Give a talk
  - Create a website
  - Perform a skit
  - Pass out fliers
  - Make it SIMPLE but most important thing is to have fun!
Step #5 Present at Tournament

- To be eligible for project Awards and advancement your team’s presentation must:
  - Explain your team’s innovative solution
  - Describe how your team shared your findings with others

- Meet the presentation requirements:
  - Live presentation (media allowed)
  - Include all team members
  - Set up and complete your presentation in 5 minutes with no adult help
What is Judged?
Research
Innovation Solution
Presentation
What is Judged?

Research:
- Problem Identification
- Sources of Information
- Problem Analysis
- Review Existing Solutions
Possible Judges’ questions for Research

What resources did you use to research your problem and why did you choose these?

Did you use an unusual method to research your topic?

Did you speak to anyone whose work relates to the challenge area? What did you learn?

Can you tell us about a problem you discovered or something that you learned while working on this project?

After working on this project, what is the most important thing that your team learned?
What is Judged?

- Innovative Solution:
  - Team Solution
  - Innovation
  - Implementation
Possible Judges’ Questions for Innovative Solution

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

How did you arrive at your solution and why?

What were solutions that you thought of that you decided not to use? Why?
What is Judged?

- Presentation:
  - Sharing
  - Creativity
  - Presentation Effectiveness
Possible Judges’ Questions for Project Sharing

- Who did you share your project with?
- How did you share the information?
- What impact did your presentation have on them?
- What changes have you or others made as a result of your research?
Other items Judges may consider

- How did the team document their resources?
- Did the entire team participate in discussion?
- Does the team state the project was their own or the coaches?
- Does the team look confused?
Just remember the most important thing is to HAVE FUN!!!

Q & A

Time
Nativity of Mary Nighthawks Team 6318 says “Good Luck, you will do GREAT”!