



FIRST® LEGO® League

THIS YEARS CHALLENGE



Can *FIRST*® LEGO® League (FLL®) teams improve the quality of food by finding ways to prevent food contamination? In the 2011 FOOD FACTOR™ Challenge, nearly 200,000 9 to 16-year-olds* from more than 55 countries will explore the topic of food safety and examine the possible points of contamination our food encounters—from exposure to insects and creatures, to unsterile processing and transportation, to unsanitary preparation and storage—then find ways to prevent or combat these contaminants.

*9 to 14 in the U.S., Canada, and Mexico



FLL teams will:

Explore food safety in a team building environment.

Research and present their own creative solutions, choosing a food, understanding its journey from ground to table, researching all the possible points of contamination, and then developing an innovative solution to keep food safe.

FOOD FACTOR presents a real-world challenge in a broad view, showing children how scientists, engineers, government agencies, and food producers work together to find solutions, and inspiring children to use their own imaginations and creativity in combination with science and technology to make food safer to eat.

FOOD FACTOR Missions include:

- Harvest and fish
- Clean poisons from farms and lakes
- Adjust cooking times
- Relocate pests
- Adjust storage temperatures
- Wash hands