



2011 FLL® Challenge Overview

FOOD FACTOR™

Keeping Food Safe



Teaser:

Can FIRST® LEGO® League teams improve the quality of food by finding ways to prevent food contamination? In the 2011 Food Factor Challenge, over 200,000 9-14 year olds from over 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. In the Food Factor Challenge, teams will build, test, and program an autonomous robot using LEGO® MINDSTORMS® NXT to solve a set of Food Safety missions as well as research, develop, and share their innovative food safety solutions. Throughout their experience, teams will operate under FLL's signature set of Core Values.

2011 California - Los Angeles Region FLL Season Schedule:

May 2, 2011	Team registration opens Paid team registration materials and FLL Robot Sets begin to ship
May – October	Coach training workshops
June – July	FIRST Hardship Grant Applications due
August 1, 2011	Field Set-up Kits begin to ship
September 2, 2011	International Challenge Release (online)
Early September	Challenge Release Workshops
September 15, 2011	Rockwell Collins Grant Applications due
Mid - Late September	Registration closes when all slots filled / Last day to order products
Early October	Tournament registration
November – December	Tournament season
April 25-28, 2012	FLL World Festival in St. Louis, Missouri

2011 Los Angeles Costs:	Part #	Price	Tax	Ship	Total
• Team registration	990305	\$225.00	\$21.94	\$15.75	\$262.69
• FLL Robot Set (new teams)	979792	\$420.00	\$40.95	\$29.40	\$490.35
• New Team Grants		\$645.00	\$62.89	\$45.15	\$753.04
• Field Set-up Kit	779697	\$ 65.00	\$ 6.34	\$ 4.55	\$ 75.89
• Total Products		\$710.00	\$69.23	\$49.70	\$828.93
• Field table (new teams)		\$30 - \$70			
• Project presentation materials & optional T-shirts		\$10 - \$200			
• Tournament registrations		\$40 - \$100			

Revised May 10 2011