

Los Angeles Region *FIRST*[®] LEGO[®] League
1457 3rd Street
Manhattan Beach CA 90266

Saturday, July 14, 2012



Rockwell Collins *FIRST* LEGO League New Team Grants Available

Application Deadline: September 15, 2012

Dear Educator:

The *FIRST*[®] LEGO[®] League (FLL[®]) program is designed to interest children of ages 9-14 in science, technology, engineering and math (STEM). We do this by combining a fun and exciting robotics competition with an interesting and challenging scientific research project and presentation. We also have a Junior FLL program for children of ages 6-9. Additional information about the volunteer-run FLL program is available online at <http://FLL.LARobotics.org>.

The FLL program is entering its fourteenth year. Last year, we had 19,800 FLL teams participating in over 50 countries. This year, we expect about 300 FLL teams with 2,400 students in the Los Angeles Region. We would like to invite the students at your school join the fun by starting an FLL team.

Each year, the Los Angeles Region FLL receives a \$30,000 grant from Rockwell Collins to sponsor the region's championship tournament and to help start new FLL teams in economically and/or socially disadvantaged schools or communities in the Los Angeles Region. For eligible new teams, the grant covers the costs of team registration and a robot set (\$747) plus a coach stipend of \$500. Second year support covers the cost of registration (\$260). Most LAUSD schools are eligible to receive these grants. Last year, seventeen (17) teams received New Team Support and ten (10) coaches received stipends. An additional thirteen (13) teams received Second Year Team Support and three (3) coaches received stipends. Stipends for second year teams will be discontinued after this year.

Grant applications will be reviewed and approved weekly beginning in May. Grant applications are due by September 15, 2012. The grant application, a list of grant recipients, and additional information about this and other grants are available online at <http://FLL.LARobotics.org/Grants.html>.

In order to help you start a new team at your school, an experienced FLL coach and/or FLL team can come to your school to give a demo and/or meet with you and/or your students to answer any questions that you or they may have. Training sessions for new coaches and mentors are available either in person, by teleconference, or online by recorded teleconference. We also hold FLL Challenge Release workshops the first weekend of September in Camarillo, Glendale, Lancaster, Los Alamos and Manhattan Beach.

I have attached a brief overview of the 2012 FLL program. Please forward this information to any teachers that might be interested in coaching an FLL team as an after school activity at your school. Please contact me if you have any questions.

LeRoy Nelson, Operational Partner
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2012 CHALLENGE OVERVIEW

TAGLINE: "Independent. Engaged. Connected."

TEASER:

Can *FIRST*®LEGO® League teams improve the quality of life for seniors by helping them continue to be independent, engaged, and connected in their communities? In the 2012 Senior Solutions Challenge, over 200,000 children ages 9 to 14 from more than 60 countries will explore the topic of aging and how it may effect a person’s ability to maintain his or her lifestyle – solving issues like getting around, keeping in touch, or staying fit. Teams will research obstacles and then suggest ways to improve the quality of life for the seniors affected. Teams will also build, test, and program an autonomous robot using LEGO MINDSTORMS® robot to solve a set of missions on an obstacle course. Throughout their experience, teams will operate under FLL’s signature set of Core Values.

2012 California - Los Angeles Region FLL Season Schedule:

May 7, 2012	FLL team registration opens; Rockwell Collins New Team Grant Applications begin Paid team registration materials and FLL Robot Sets begin to ship
May – October	Coach training workshops
June – July	<i>FIRST</i> Hardship Grant Applications due
August 1, 2012	Jr.FLL team registration begins
Early August	FLL Field Set-up Kits begin to ship
August 28, 2012	International Challenge Release (online)
Early September	Challenge Release Workshops – to help new teams get off to a good start
September 15, 2012	Rockwell Collins New Team Grant Applications due
Late September	FLL team registration closes when all slots filled / Last day to order products
Early October	Tournament registration
November – December	Tournament season – Practice, Qualifying and Championship Tournaments
April 15, 2013	Jr.FLL team registration closes
April 24-27, 2013	FLL World Festival in St. Louis, Missouri

Estimated 2012 Los Angeles Costs:	Part #	Price	Tax	Ship	Total
• Team registration	990305	\$225.00	\$19.69	\$15.75	\$260.44
• FLL Robot Set (new teams)	979792	\$420.00	\$36.75	\$29.40	\$486.15
• New Team Grants		\$645.00	\$56.44	\$45.15	\$746.59
• Field Set-up Kit	779657	\$ 75.00	\$ 6.56	\$ 5.25	\$ 86.81
• Total Products		\$720.00	\$63.00	\$50.40	\$833.40
• Field table (new teams)		\$30 - \$70			
• Project presentation materials & optional T-shirts		\$10 - \$200			
• Tournament registrations		\$40 - \$110			

Revised July 14, 2012