

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

Sunday, May 26, 2013



Rockwell Collins *FIRST* LEGO League New Team Grants Available

Application Deadline: September 15, 2013

Dear Educator:

The ***FIRST*[®] LEGO[®] League** (FLL[®]) program is designed to get children of ages 9-14 excited about 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 *FIRST* LEGO League** (Jr.FLL[®]) program for children of ages 6-9. Additional information about the volunteer-run FLL and Jr.FLL programs is available online at <http://FLL.LARobotics.org>.

The FLL program is entering its fifteenth year and is growing rapidly. In 2013, we expect to have over 22,000 FLL teams participating in over 70 countries; we expect to have over 400 FLL teams with over 3,200 students in the Los Angeles Region, up from 297 teams last year. 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 tournaments 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 (\$840) plus a teacher stipend of \$500. Second year support covers the cost of registration (\$261). Most LAUSD schools are eligible to receive these grants. Last year, eleven (11) teams received New Team Support and six (6) coaches received stipends. An additional ten (10) teams received Second Year Team Support and five (5) coaches received stipends. Stipends for second year teams will be discontinued in 2013.

Grant applications will be reviewed and approved weekly beginning in May. Grant applications are due by September 15, 2013. 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, Manhattan Beach and Pomona.

I have attached a brief overview of the 2013 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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2013 CHALLENGE OVERVIEW

NATURE'S FURYSM

TAGLINE: "Prepare. Respond. Recover."



Teaser:

Can *FIRST*[®] LEGO[®] League teams help us master natural disasters? In the 2013 NATURE'S FURYSM Challenge, over 200,000 children ages 9 to 16* from over 70 countries will explore the awe-inspiring storms, quakes, waves and more that we call natural disasters. Teams will discover what can be done when intense natural events meet the places people live, work, and play. Brace yourself for NATURE'S FURY!

FLL challenges kids to think like scientists and engineers. During NATURE'S FURY teams will build, test, and program an autonomous robot using LEGO MINDSTORMS[®] to solve a set of missions in the Robot Game. They will also choose and solve a real-world problem in the Project. Throughout their experience, teams will operate under FLL's signature set of Core Values.

*9-14 in the US, Canada, and Mexico

2013 California - Los Angeles Region FLL Season Schedule:

May 6, 2013	Team registration opens Paid team registration materials and FLL NXT Robot Sets begin to ship
May – October	Coach training workshops
June – July	<i>FIRST</i> Hardship Grant Applications due
August 1, 2013	Field Set-up Kits and FLL EV3 Robot Sets begin to ship
August 27, 2013	International Challenge Release (online)
Late August, Early September	Challenge Release Workshops
September 15, 2013	Rockwell Collins New Team Grant Applications due
Mid - Late September	Registration closes when all slots filled / Last day to order products
Early October	Tournament registration
Late October – December	Tournament season
April 23-26, 2014	FLL World Festival in St. Louis, Missouri

2013 Los Angeles Costs:

	Part #	Price	Tax	Ship	Total
• Team registration	990305	\$225.00	\$20.25	\$15.75	\$261.00
• FLL EV3 Robot Set (new teams)	992131	\$499.00	\$44.91	\$34.93	\$578.84
• New Team Grants		\$724.00	\$65.16	\$50.68	\$839.84
• Field Set-up Kit	779664	\$ 75.00	\$ 6.75	\$ 5.25	\$ 87.00
• Total Products		\$799.00	\$71.91	\$55.93	\$926.84
• Field table (new teams)		\$30 - \$70			
• Project presentation materials & optional T-shirts		\$10- \$200			<i>Revised May 26, 2013</i>
• Tournament registrations (October)		\$60 - \$250			
• Total Cost	\$1,027 - \$1,447 (new teams)	\$418 - \$798 (returning teams)			