



“Engineering Meets Medicine”

Can *FIRST® LEGO® League* Teams improve our quality of life? Through the **2010 Body Forward™ Challenge**, 9 to 16 year olds will explore the cutting-edge world of Biomedical Engineering to discover innovative ways to repair injuries, overcome genetic predispositions, and maximize the body’s potential, with the intended purpose of leading happier and healthier lives.

“FLL has changed my life. It has shown me that young people can change the world.”



2010 Important Dates

Registration Opens.....May
 Challenge Announced.....Sept 4

Australian Tournaments

Brisbane.....Sat, Nov 6
 Hobart.....Sat, Nov 13
 Canberra.....Sat, Nov 13
 Melbourne.....Sat, Nov 20
 Adelaide.....Sat, Nov 20
 Cairns.....Sat, Nov 20
 Sydney - National.....Sat, Dec 4

New Zealand Tournaments

Christ Church.....Sat, Oct 30
 Auckland.....Sat/Sun Nov 6/7
 National.....Sat, Dec 11



www.kiwifirst.org
www.primefll.com.au
www.firstlegoleague.org

FIRST® LEGO® League
 GET INVOLVED!!
 For Inspiration and Recognition of Science and Technology



Robotics and Problem Solving

What child has not paused to admire or reach and touch a LEGO® kit or construction set? *FIRST* LEGO League leverages this simple phenomena into a program celebrating science, technology, engineering, and math (STEM). **FLL provides a sports-like** atmosphere combined with the smarts of a science fair to both inspire and recognize young scientists, engineers, and technologists. Students build and program robots to navigate a different “challenge” each year, pushing themselves, their skills, and their robots to the limits of their ever-expanding and creative imaginations.



Cutting Edge Technology



Artificial organs, synthetic blood, biometric sensors. Headlines of the day? Without a doubt. Research topics for your average school student? Definitely, if they are involved in FLL. Transforming what’s important to our society into a research project and relevant solution is one of the core activities for FLL teams. **Each year, students are given a different area of research** and asked to provide a solution that helps their community. Building a senior center or showing a city how to be green are just some of the ways that FLL teams have demonstrated their ability to do real-world science today by tomorrow’s brightest minds.

Lifelong Skills

Where will the 21st century’s leaders come from? Who will find a cure for cancer? Who will be the great communicators and leaders of the next generation? Chances are some of them will have been involved in *FIRST* LEGO League. Students learn skills that go well beyond STEM and will benefit them in any and all things they may choose for their future. Emphasizing lifelong learning, public speaking, active listening, leadership, and teamwork, *FIRST* LEGO League gives students the confidence to engage and be engaged in creative dialogue with the world around them.

