

# FIRST®

Where **kids** walk in and **innovators** walk out

## Jr.FLL.

Junior FIRST® LEGO® League



Introduces the youngest children to the fascinating worlds of science and technology.

## FLL.

FIRST® LEGO® League



Children discover exciting career possibilities and learn to make positive contributions to society.

## FTC

FIRST® Tech Challenge



Teams develop strategy, build robots using cutting-edge technologies, and compete head to head.

## FRC

FIRST® Robotics Competition



Teams compete with 120-pound robots, combining the excitement of sport with the rigors of science and technology.

## What is FIRST®?

FIRST was founded by inventor Dean Kamen to inspire young people's interest and participation in science and technology. FIRST has four programs for young people, starting at age 6 and continuing through middle school and high-school levels up to age 18.



For Inspiration and Recognition  
of Science and Technology

200 Bedford Street ■ Manchester, NH 03101

**USFIRST.ORG**

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Grades 4-8 (Ages 9-16\*)  
\*9-14 in the U.S./CAN/MEX

## FLL.

FIRST® LEGO® League

FIRST® LEGO® LEAGUE



## What is FIRST® LEGO® League?

In FLL®, children are immersed in real-world science and technology challenges. Teams research and design their own solution to a current scientific question or problem and build autonomous LEGO® robots that perform a series of missions.

*"I especially love that while robot performance is important, there are other aspects that are valued as much or more. Most places in our culture today define winning and success very narrowly, and I appreciate immensely that FLL has different values."*

*The girls have had a blast, and FLL is now as important as dance class in our house."*  
Jennifer Robinson, Parent and FLL Coach

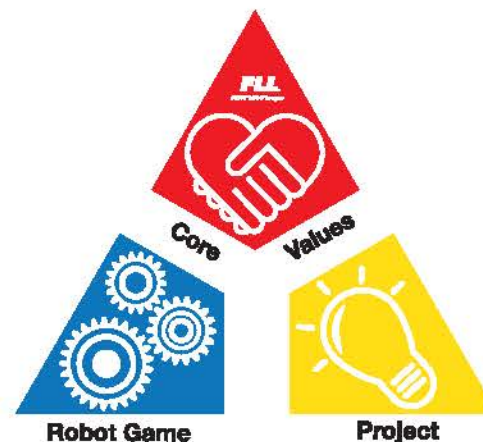
Through their participation, children develop valuable life skills and discover exciting career possibilities while learning that they can make a positive contribution to society.



*"Everybody has to be able to participate in a future that they want to live for. That's what technology can do."*  
Dean Kamen, Founder, FIRST

# FIRST® LEGO® League

## Three Essential Parts



Each yearly Challenge has three parts: Core Values, the Robot Game, and the Project.

## FIRST LEGO League Core Values

The FLL Core Values are the cornerstones of the program. They are among the fundamental elements that distinguish FIRST LEGO League from other programs of its kind. By embracing the Core Values, participants learn that friendly competition and mutual gain are not separate goals, and that helping one another is the foundation of teamwork.

- We are a team.
- We do the work to find solutions with guidance from our coaches and mentors.
- We know our coaches and mentors don't have all the answers; we learn together.
- We honor the spirit of friendly competition.
- What we discover is more important than what we win.
- We share our experiences with others.
- We display Gracious Professionalism®.
- We have fun!



## How to get involved

Email: [FLLTeams@usfirst.org](mailto:FLLTeams@usfirst.org)

**A FIRST representative can help you:**

- Become a Coach
- Mentor or sponsor a team
- Get information for your school
- Find an FLL Partner near you

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