Where kids walk in and innovators walk out

What is FIRST?
FIRST® is the world’s leading child-serving nonprofit advancing science, technology, engineering, and math (STEM). For nearly 30 years, FIRST has been inspiring innovation and leadership by teaching STEM, teamwork, and problem-solving skills through engaging, hands-on robotics challenges developed to ignite curiosity and passion in students in grades K-12.

Introduce young children to the fascinating world of science and technology.

Students discover exciting career possibilities in STEM and learn to make positive contributions to society.

Teams design, build, and program robots, develop strategy, and engage in thrilling, head-to-head competition.

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

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What is FIRST® LEGO® League?
In FIRST® LEGO® League, children are immersed in real-world science and technology challenges. Teams research and design their own solution to a current scientific question or problem while they also build and program autonomous robots using LEGO® MINDSTORMS® technology to perform a series of missions. Through their participation, children develop valuable life skills and discover exciting career possibilities, while learning that they can make a positive contribution to society.

How to get involved
EMAIL: firstlegoleague@firstinspires.org
A FIRST representative can help you:
- Become a coach.
- Mentor or sponsor a team.
- Get information for your school.
- Find a FIRST LEGO League Partner.

FIRST LEGO League Core Values
The FIRST LEGO League 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® and Coopertition® in everything we do.
- We have FUN!

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

“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 the program has different values. The girls have had a blast, and this is now as important as dance class in our house.”

— JENNIFER ROBINSON, PARENT AND FIRST LEGO LEAGUE COACH

“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 introduces young people to the fun and excitement of science and technology.”

firstlegoleague.org