Where kids walk in and innovators walk out

**FIRST®**

*What is FIRST®?*
FIRST® is the world’s leading child-serving nonprofit advancing science, technology, engineering, and math (STEM). For 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.

**FIRST Robotics Competition**
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 rigor of science and technology.

**FIRST LEGO League**
Students program autonomous robots and design an innovative solution related to the annual theme.

Introduces young children to science and coding concepts through hands-on, playful building challenges.

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**Ages vary by country**

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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.

“There must be a future for all of us. And if we can’t share technology, then what is the point of this?”

— DEAN KAMEN, FOUNDER, FIRST

“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

**Three Essential Parts**

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

**FIRST Core Values**

We express the FIRST philosophies of Gracious Professionalism® and Coopertition® through our Core Values:

- **Discovery**: We explore new skills and ideas.
- **Innovation**: We use creativity and persistence to solve problems.
- **Impact**: We apply what we learn to improve our world.
- **Inclusion**: We respect each other and embrace our differences.
- **Teamwork**: We are stronger when we work together.
- **Fun**: We enjoy and celebrate what we do!

**FIRST LEGO League introduces young people to the fun and excitement of science and technology.**

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**How to get involved**

EMAIL: firstlegoleague@firstinspires.org

- Become a coach.
- Mentor or sponsor a team.
- Get information for your school.
- Find your region’s local contact.

firstlegoleague.org