

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



FIRST LEGO LEAGUE JR.

Ages 6-10 (Grades K-4)

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

FIRST LEGO LEAGUE

Ages 9-16* (Grades 4-8)

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

*Ages vary by country

FIRST TECH CHALLENGE

Ages 12-18 (Grades 7-12)

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

FIRST ROBOTICS COMPETITION

Ages 14-18 (Grades 9-12)

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** offers a progression of four K-12 after-school programs for young people, starting at age 6 and continuing through middle school and high-school levels, up to age 18.



FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

200 Bedford Street ■ Manchester, NH 03101 ■ USA

www.firstinspires.org

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Ages 6-10 (Grades K-4)

What is FIRST® LEGO® League Jr.?

Guided by adult Coaches and FIRST® LEGO® League Jr. Core Values, students work with LEGO® elements and motorized parts to build ideas and concepts and present them for review.

The program focuses on building interest in science, technology, engineering, and math (STEM) through a real-world challenge – to be solved by research, critical thinking, and imagination.

— LORRAINE FERLAND, PARENT

“Beyond tapping into my son’s imagination, FIRST LEGO League Jr. helped him learn how to take an idea, think it through, and then share it with others – all in a fun, collaborative way.”



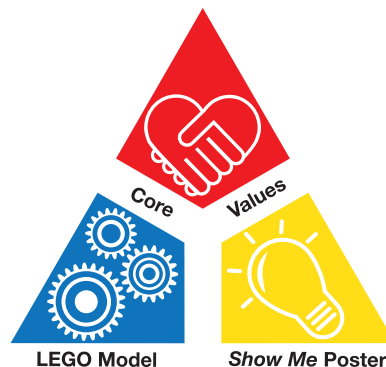
Kids as young as 6 combine critical thinking and fun.

“We want to change the culture by celebrating the mind. We need to show kids that it’s more fun to design and create a video game than it is to play one.”

— DEAN KAMEN, FOUNDER, FIRST

Three Essential Parts

Each yearly Challenge has three parts: Core Values, the LEGO Model, and the Show Me Poster.



FIRST LEGO League Jr. Core Values

We ask that everyone associated with every FIRST LEGO League Jr. team understands and honors these Core Values.

- We are a team.
- We do the work. Our Coaches and Mentors help us learn, but we find the answers ourselves.
- We share our experiences and discoveries with others.
- We are helpful, kind, and show respect when we work, play, and share. We call this *Gracious Professionalism*®.
- We are all winners.
- We have FUN!



How to get involved

EMAIL: firstlegoleaguejr@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 Jr. Partner.

firstlegoleaguejr.org