Teams design, build, and program robots, develop strategy, and engage in thrilling, head-to-head competition. Teams compete with 125-pound robots, combining the excitement of sport with the rigors of science and technology.

AGES 4-16* | GRADES PreK-8
Students engage in hands-on STEM experiences, building habits of learning, confidence, and teamwork skills along the way.

AGES 12-18 | GRADES 7-12
Teams design, build, and program robots, develop strategy, and engage in thrilling, head-to-head competition.

AGES 14-18 | GRADES 9-12

*Ages vary by country

ABOUT FIRST®
FIRST® is the world's leading youth-serving nonprofit advancing STEM education. Through a suite of inclusive, team-based robotics programs for ages 4-18 and backed by a global network of mentors, coaches, volunteers, alumni, and sponsors, FIRST has a proven impact on learning, interest, and skill-building inside and outside of the classroom. For over 30 years, students from all walks of life have developed self-confidence in STEM and valuable, real-world skills through FIRST that open pathways to a better future.
ABOUT FIRST® LEGO® LEAGUE EXPLORE

In Explore, teams of students ages 6-10 focus on the fundamentals of engineering as they explore real-world problems, learn to design and code, and create unique solutions made with LEGO® bricks and powered by LEGO® Education SPIKE™ Essential.

GET INVOLVED!

A FIRST representative can help you:
• Become a coach.
• Mentor or sponsor a team.
• Get information for your school.
• Find your region’s local contact.

EMAIL fllexplore@firstinspires.org

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

— LORRAINE FERLAND, PARENT

THREE ESSENTIAL PARTS

EXPLORE
the annual theme at home or in their community, researching ways to solve a real-world problem.

CREATE & TEST
a Team Model using LEGO® Education SPIKE™ Essential to show their ideas.

SHARE
what they learn through a Team Model and a team poster.

“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

FIRST CORE VALUES

We express the FIRST philosophies of Gracious Professionalism® and Coopertition® through FIRST 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!

WWW.FIRSTLEGOLEAGUE.ORG