

FIRST® is a global robotics community that prepares young people for the future.

Children can join any of our three programs based on age or grade level. Ages may vary by region.



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

Teams compete with 125-pound robots, combining the excitement of sport with the rigors of science and technology.

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.



200 Bedford Street | Manchester, NH 03101 | USA
WWW.FIRSTINSPIRES.ORG

FIRST®, the FIRST® logo, FIRST® Robotics Competition, FIRST® Tech Challenge, Gracious Professionalism®, and Coopertition® are trademarks of For Inspiration and Recognition of Science and Technology (FIRST). LEGO® is a registered trademark of the LEGO Group. SPIKE™ Essential is a trademark of LEGO® Education. FIRST® LEGO® League is a jointly held trademark of FIRST and the LEGO Group. All other trademarks are the property of their respective owners. ©2023 FIRST. All rights reserved. FE003



EXPLORE

AGES
6-10

GRADES
2-4

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 the LEGO® Education SPIKE™ Essential.

“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



1 EXPLORE

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

2 CREATE & TEST

a Team Model using LEGO Education SPIKE Essential to show their ideas.

3 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!



GET INVOLVED!

EMAIL

fllexplore@firstinspires.org

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.

WWW.FIRSTLEGOLEAGUE.ORG