

**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.



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[WWW.FIRSTINSPIRES.ORG](http://WWW.FIRSTINSPIRES.ORG)

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**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



### 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!



## GET INVOLVED!

EMAIL

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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.

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