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

Students engage in hands-on STEM experiences, building habits of learning, confidence, and teamwork skills along the way.

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 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 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.

* Ages vary by country

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WWW.FIRSTINSPIRES.ORG

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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 WeDo 2.0.

THREE ESSENTIAL PARTS
Each yearly Challenge has three parts: Core Values, the LEGO Model, and the team poster.

EXPLORE
the yearly themed Challenge at home or in their community, researching ways to solve a real-world problem.

CREATE & TEST
a Team Model using LEGO® Education WeDo 2.0 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 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!

GET INVOLVED!
EMAIL

tlexplore@firstinspires.org

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

— LORRAINE FERLAND, PARENT

“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.”

— DEAN KAMEN, FOUNDER, FIRST