Introduces young children to science and coding concepts through hands-on, playful building challenges.

Students program autonomous robots and design an innovative solution related to the annual theme.

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 rigor of science and technology.

Where kids walk in and innovators walk out

What is FIRST?
FIRST® is the world’s leading child-serving nonprofit advancing science, technology, engineering, and math (STEM). For 30 years, FIRST has been inspiring innovation and leadership by teaching STEM, teamwork, and problem-solving skills through engaging, hands-on robotics challenges developed to ignite curiosity and passion in students in grades K-12.
What is FIRST® LEGO® League Jr.?
A non-competitive, hands-on program which builds interest in science, technology, engineering, and math (STEM). Teams of up to six students explore a new and exciting Challenge based on a real-world theme each year. Guided by adult coaches and FIRST® Core Values, students on a team build a model using LEGO® Education WeDo 2.0 and create a team Show Me poster to present what they learned.

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 your region’s local contact.

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

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!

“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.”
— LORRAINE FERLAND, PARENT

“‘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

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

Create and Test
a Team Model using LEGO® Education WeDo 2.0 to show their ideas.

Share
what they learn through a Team Model and a Show Me poster.

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