Students, aged 6-18: It’s the hardest fun you’ll ever have.

Team mentors, coaches, and volunteers: It’s the most rewarding adventure you’ll ever undertake.

Sponsors: It’s the most enlightened investment you could ever make.

Get Involved!
Join or start a team in your area
Sponsor a team, event, or local FIRST program
Become a team mentor or coach
Volunteer to fill over 100 roles

www.firstinspires.org/contactus
(800) 871-8326 ■ (603) 666-3906

FIRST IMPACT
More Than Robots™
FIRST participation is proven to encourage students to pursue education and careers in STEM-related fields, inspire them to become leaders and innovators, and enhance their 21st century work-life skills.

www.firstinspires.org/aboutus/impact

FIRST® inspires lifelong learners leaders innovators problem solvers dreamers builders makers entrepreneurs

FIRST® is the world’s leading child-serving nonprofit advancing science, technology, engineering, and math (STEM). For nearly 30 years, FIRST has evolved into a global movement by engaging millions of people with a proven game-changer for preparing kids to solve the world’s greatest problems. FIRST programs inspire innovation and leadership through engaging, hands-on robotics challenges developed to ignite curiosity and passion in students in grades K-12. FIRST builds powerful mentorship relationships between young people and STEM professionals, helping kids gain confidence to explore the innovation process while they learn valuable science, engineering, technology, teamwork, and problem-solving skills. FIRST creates the people who will change the world – today and tomorrow.
FIRST® is the only sport where every kid can “go pro.”

FIRST® inspires a lifelong love of learning that is critical to perseverance in an ever-changing workforce. Using robotics competitions as the vehicle, FIRST® is developing future innovators, technology leaders, and creative problem solvers. Building self-confidence, as well as STEM and digital literacy skills, is required in today’s technology-rich society. STEM competence and confidence creates pathways to well-paying jobs and entrepreneurial opportunities in the fastest-growing fields, creating the potential for young people to achieve purposeful and prosperous lives.

FIRST® Lego League Jr. captures young children's curiosity and directs it toward discovering the wonders of science and technology. This program features a real-world scientific concept to be explored through research, teamwork, construction, and imagination. Guided by adult coaches, teams use LEGO® Education WeDo to build and program a model that moves and develop a Show Me Poster to illustrate their journey.

LEGO League Jr. is the only sport where every kid can “go pro.” It engages young children in team activities guided by adult mentors and encourages them to explore science and technology challenges. Teams design their own solution to a current scientific question or problem and build autonomous robots that perform a series of missions based on an annual theme. Through their participation, children develop valuable life skills and discover exciting career possibilities while learning that they can make a positive contribution to society.

In FIRST® Lego® League, children are immersed in real-world science and technology challenges. Teams design their own solution to a current scientific question or problem and build autonomous robots that perform a series of missions based on an annual theme. Through their participation, children develop valuable life skills and discover exciting career possibilities while learning that they can make a positive contribution to society.

**LEGO League Jr.**
- Ages 6-10
- Grades K-4
- **Core Values**
  - Engage in team activities guided by adult mentors
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® LEGO® League Jr. Core Values

**LEGO League**
- Ages 9-16
- Grades 4-8
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® LEGO® League Core Values

**First Tech Challenge**
- Ages 12-18
- Grades 7-12
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® FIRST® Tech Challenge Core Values

**FIRST Robotics Competition**
- Ages 14-18
- Grades 9-12
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® FIRST® Robotics Competition Core Values

FIRST® Tech Challenge is designed for students who want to compete head to head using an exciting sports model. Teams design, build, and program their robots to compete on a 12” X 12” field, in an Alliance format, against other teams. Robots are built from a reusable platform, powered by Android technology, and programmed using Java or Blockly. Teams, including coaches, mentors, and volunteers, develop strategy and build robots based on sound engineering principles, such as rapid prototyping. Awards are given for the competition, as well as community outreach, design, and other real-world accomplishments.

**LEGO League Jr.**
- Participate in official tournaments and local events
- Engage in team activities guided by FIRST® LEGO® League Jr. Core Values

**LEGO League**
- Participate in official tournaments and local events
- Engage in team activities guided by FIRST® LEGO® League Core Values

**First Tech Challenge**
- Participate in official tournaments and local events
- Engage in team activities guided by FIRST® FIRST® Tech Challenge Core Values

**FIRST Robotics Competition**
- Participate in official tournaments and local events
- Engage in team activities guided by FIRST® FIRST® Robotics Competition Core Values

**LEGO League Jr.**
- **Core Values**
  - Engage in team activities guided by adult mentors
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® LEGO® League Jr. Core Values

**LEGO League**
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® LEGO® League Core Values

**First Tech Challenge**
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® FIRST® Tech Challenge Core Values

**FIRST Robotics Competition**
- **Core Values**
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**FIRST® Tech Challenge**
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® FIRST® Tech Challenge Core Values

**FIRST Robotics Competition**
- **Core Values**
  - Participate in official tournaments and local events
  - Engage in team activities guided by FIRST® FIRST® Robotics Competition Core Values

At the heart of FIRST are its Core Values, which emphasize the contributions of others, friendly sportsmanship, teamwork, learning, and community involvement. These include:

**Gracious Professionalism** – Respect for others, being a good sport, and sharing what you learn.

**Coopertition** – Competing hard, but also helping the other teams.