**FIRST®—Hands-On STEM Learning Programs for Every Age**

Founded in 1989 by inventor Dean Kamen, FIRST® is an international nonprofit organization that prepares young people for the future through a suite of life-changing youth robotics programs that build skills, confidence, and resilience. Because our programs are More Than Robots®, students build self-confidence and collaborative problem-solving skills as they conduct research, fundraise, design, build, and showcase their achievements. FIRST is backed by a global network of mentors, educators, volunteers, sponsors, parents, alumni, and program delivery partners.

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

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**FIRST® LEGO® LEAGUE**

**Grades PreK-8 • Ages 4-16**

FIRST® LEGO® League introduces STEM to children through fun, exciting hands-on learning. Participants gain real-world problem-solving experiences through a guided, global robotics program using LEGO® technology, helping today’s students, families, and educators build a better future together. FIRST LEGO League’s three divisions inspire youth to experiment and grow their critical thinking, coding, and design skills and showcase what they learned.

- **Registration Open:** May – April
- **Challenge Release:** August
- **Event Season:** November – April
- **Teams:** At least 2 adult mentors and up to 10 students for Challenge division, formed by schools, after-school programs, homeschooled, community groups. Smaller, age-appropriate teams for Discover and Explore divisions.
- **Time Commitment:** One to three-hour meetings, generally held for 12 sessions.
- **Estimated Cost**:
  - **Discover:** Class Pack Registration (up to 8 students) is $195. Reusable STEAM Park Sets start at $219.95.
  - **Explore:** Team Registration is $125. LEGO® Education SPIKE™ Essential: $319.95 (reusable).
  - **Challenge:** Team Registration is $250. Challenge Set: $95. LEGO® SPIKE™ Prime: $539.90 (reusable).
  - **Registration includes guidebooks for teachers and students.**

Check our website for grants and FIRST Class Pack classroom implementation options for all divisions.

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**FIRST® TECH CHALLENGE**

**Grades 7-12 • Ages 12-18**

FIRST® Tech Challenge students work together with their mentors to design and build robots to compete in a dynamic and exciting challenge released every September. Teams program classroom-sized robots to follow autonomous commands before student drivers take control in two-on-two matches. On and off the field, students develop STEM skills, engage in community outreach, practice engineering innovation, and build confidence to help them succeed.

- **Registration Open:** May – April
- **Game Release:** September
- **Event Season:** October – April
- **Teams:** Up to 15 students with at least 2 adult mentors, formed by schools, after-school programs, home schools, community groups.
- **Time Commitment:** 90-minute to three-hour meetings, generally held twice a week for 9-12 weeks.
- **Estimated Cost**:
  - **Reusable control system** is $600.
  - **Materials and parts** are $700-1200.

Check our website for grants and classroom implementation options.

**FIRST® ROBOTICS COMPETITION**

**Grades 9-12 • Ages 14-18**

FIRST® Robotics Competition teams design, program, and build industrial-sized robots starting with a Kit of Parts to play an action-packed game released in January on a themed field as part of a three-team alliance. Students learn engineering and problem-solving skills as they compete for awards, create a team identity, raise funds, hone teamwork skills, and advance appreciation for STEM in their community.

- **Registration Open:** May – December
- **Game Release:** January
- **Event Season:** February – April
- **Teams:** A group of students and at least 2 adult mentors, formed by schools, after-school programs, home schools, community groups.
- **Time Commitment:** Teams typically meet a few times a week September - December and several times a week January - April
- **Estimated Cost**:
  - **Team Registration** is $6,000.

Check our website for grants.

**FIRST Participants and alumni have access to education and career discovery opportunities, connections to scholarships and employers, and a place in the FIRST community for life.**

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Learn more about **FIRST and our suite of hands-on programs at firstinspires.org**

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Pricing is subject to change and does not include applicable taxes or shipping and handling.

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