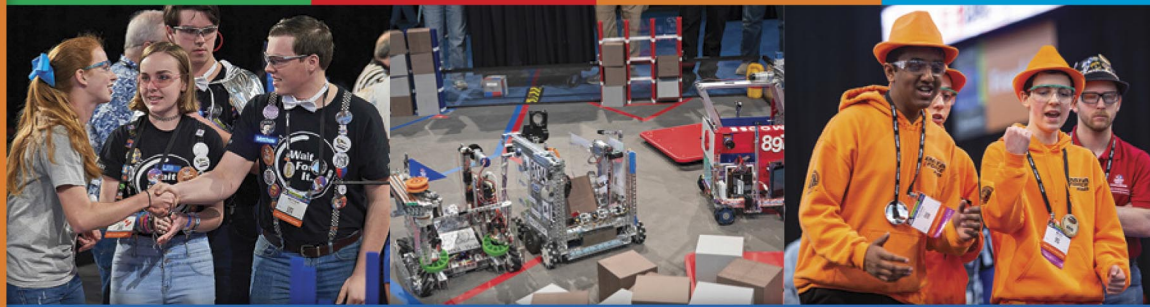




FIRST TECH CHALLENGE



HOW IT WORKS

“Programs and initiatives aimed at capturing students’ creativity and hunger for knowledge will help our students prepare for college and life in the professional world. The *FIRST*® Tech Challenge has quickly become an integral part of our efforts in encouraging students to take an interest in math and science.”

» HON. DONALD L. CARCIERI,
FORMER GOVERNOR OF
RHODE ISLAND

FIRST® Tech Challenge (Ages 12-18, Grades 7-12)

- Provides affordable, accessible opportunities to compete head to head using an exciting sports model
- Offers students a chance to develop strategy and build robots based on sound engineering principles

How it works

- Up to 15 students per team
- 2 to 3 adult mentors per team
- Teams use a modular robotics platform – powered by Android technology – to design, build, and compete in a *FIRST*-designed game
- Includes schools, home schools, after-school groups, churches, civic organizations, and neighborhood groups
- Exciting sports-like events with judges and awards
- Up to 48 teams per regular season event
- Adaptable program that can be used in and out of the classroom

What it offers

- Explore the creative, problem-solving process within an intense, fun sports competition model
- Be part of an engaged and supportive community
- Design, build, and program robots
- Gain hands-on programming and rapid-prototyping experience
- Apply real-world math and science concepts
- Document the engineering process

- Develop problem-solving, organizational, and team-building skills
- Learn about *Gracious Professionalism*®
- Compete and cooperate in alliances at tournaments
- Build life skills while building robots and work towards participating in tournaments and *FIRST* Championship
- Qualify for more than \$80 million in college scholarships
- Have fun!

Season overview*

May – Registration Opens

September – Kickoff

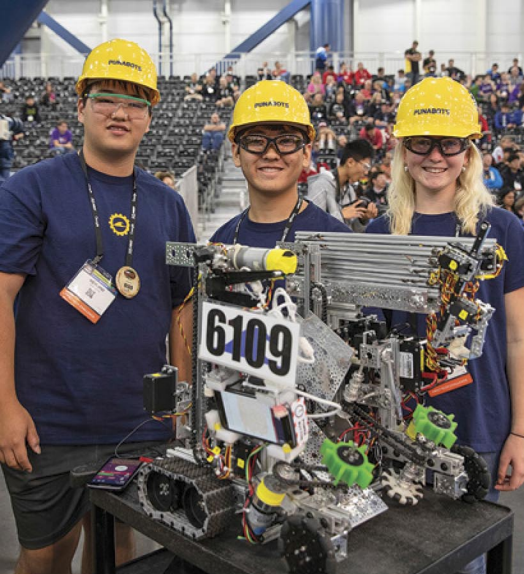
October – February – Meets and League Events

November – March – State and Regional Tournaments

April – *FIRST* Championship and *FIRST* Tech Challenge World Championship

*Visit <http://www.firstinspires.org/robotics/ftc> for the most up-to-date details.





Proven, verifiable impact for participants in *FIRST* Tech Challenge



Source: Brandeis University, 2011 *FIRST*® Tech Challenge – *FIRST*® Robotics Competition Evaluation and 2013 *FIRST*® LEGO® League Evaluation



JOIN US! / APPLICATIONS ONLINE NOW!

Teams Forming / Convenient Locations / Additional STEAM Programs, Camps, Workshops

Check Facebook for *FIRST*® Programs Interest Meetings Schedule / Apply at www.STEAMOn.net / info@STEAMOn.net

STEAM On is a unique organization offering a variety of different Robotics and STEAM programs to the Cedar Rapids, Iowa Area!

www.facebook.com/STEAMOnIowa

FOR INFORMATION ABOUT *FIRST* IN YOUR AREA:

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



FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

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