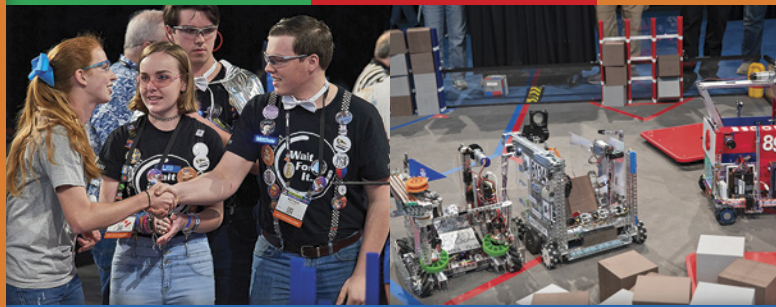




# FIRST TECH CHALLENGE



## 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

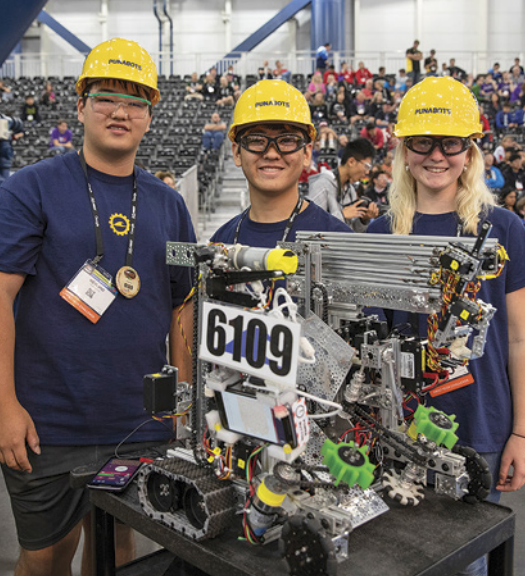
**October – February** – Meets and League Events

**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



**98%**  
IMPROVED PROBLEM  
SOLVING SKILLS



**95%**  
INCREASED TIME  
MANAGEMENT SKILLS



**93%**  
INCREASED CONFLICT  
RESOLUTION SKILLS



**OVER 76%**  
STRENGTHENED  
COMMUNICATION SKILLS

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

FOR INFORMATION ABOUT *FIRST* IN YOUR AREA:

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



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