



The **FIRST**® Tech Challenge: **AT-A-GLANCE**

“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

“People should get involved in FTC because it’s a great way to make real-world connections with people in industries relating to STEM and to gain real-world experience in those fields.”

Daniel Miller
Member, FTC Team
3550 “Beta”

Team Demographics

- Young people in grades 7 to 12
- About 10 students per team
- 2 to 3 Mentors per team

Events

- More than 100 qualifiers and Championship tournaments
- More than 15 countries
- Up to 48 teams per event

The Game

- Each year, **FIRST** releases a new game with fresh challenges to excite and engage students through hands-on robotics competition. This year’s game will be revealed at Kickoff on September 7, 2013.

The Robot

- Starting maximum dimensions:
18" W x 18" L x 18" H

The Robotics Kit

- Professional-quality software options
- 11 motors, 9 sensors, 2 game controllers, wireless communications and metal gears; and all the building materials you need

The Field

- Playing area: approximately
12' W x 12' L

FTC Awards

- **Inspire Award** – team that takes on challenges well beyond the program
- **Winning Alliance Award** – 3-team Alliance that wins the final elimination rounds



- **Finalist Alliance Award** – 3-team Alliance in the final match of the competition
- **Rockwell Collins Innovate Award** – team with the most ingenuity and inventiveness
- **PTC® Design Award** – team with the most compelling industrial design elements
- **Connect Award** – team most connected to the local and engineering community
- **Motivate Award** – outstanding team spirit and enthusiasm
- **Promote Award** – challenges teams to submit a high quality 60-second PSA (Public Service Announcement) based on an annual theme
- **Think Award** – team that best manages the engineering design process
- **FIRST Future Innovator Award** – team that creatively solves a problem beyond the season requirements
- **Compass Award** – teams submit a video nominating an outstanding Coach or Mentor



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

For information about *FIRST*® in your area:

WWW.USFIRST.ORG/CONTACTUS
603-666-3906



FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY

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WWW.USFIRST.ORG

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