



# 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 21<sup>st</sup> century work-life skills.

[www.usfirst.org/aboutus/impact](http://www.usfirst.org/aboutus/impact)

## Scope (2015-2016 Projections)

- 400,000+ young people in ~80 countries
- 200,000+ Mentor/Coach/Volunteer roles
- 3,500+ Sponsors
- Over \$22 million in scholarships from nearly 200 Scholarship Providers [www.usfirst.org/scholarships](http://www.usfirst.org/scholarships)

## Sport for the Mind™

- K-12, after-school, STEM (science, technology, engineering, and math) programs
- Gracious Professionalism®
- Co-operate while competing (Coopertition®)
- “Play with the Pros” working with Mentors
- Hands-on learning
- Real-world application of STEM concepts
- Atmosphere of team building, entrepreneurship, sportsmanship, and fun

*“Ten years from today, one of these students is going to be out in the world having done something extraordinary for a major, global problem.”*

—DEAN KAMEN, FIRST FOUNDER

## Sponsors

More than 200 of the Fortune 500 companies sponsor FIRST.

### 2014-2015 Strategic Partners:

3M Company, BAE Systems, Bechtel Corporation, The Boeing Company, DEKA Research & Development Corporation, The Dow Chemical Company, FedEx Corporation, General Motors Company, Google Inc., JCPenney, Motorola Solutions Foundation, National Aeronautics and Space Administration (NASA), NI, PTC, Qualcomm Incorporated, Rockwell Automation, Rockwell Collins, Time Warner Cable, and United Technologies Corporation (UTC)

### Founding Sponsors:

Baxter International Inc., Boston Scientific Corporation, DEKA Research & Development Corporation, Delphi Automotive PLC, FCA Foundation, General Motors Company, Johnson & Johnson, Kleiner Perkins Caufield & Byers (KPCB), Motorola Solutions Foundation, and Xerox Corporation

Founded in 1989 by inventor Dean Kamen  
501(c)(3) not-for-profit,  
HQ in Manchester, NH



FOR INSPIRATION AND RECOGNITION  
OF SCIENCE AND TECHNOLOGY

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[WWW.USFIRST.ORG](http://WWW.USFIRST.ORG)

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Find a Regional Contact at  
[www.usfirst.org/regional-contacts](http://www.usfirst.org/regional-contacts)



**FACTS**  
2015-2016 Season Projections

SAVE THE DATES

**FIRST** CHAMPIONSHIP

**ST. LOUIS, MO**

April 27-30, 2016

April 26-29, 2017

**HOUSTON, TX**

April 19-22, 2017

April 18-21, 2018

April 17-20, 2019

April 15-18, 2020

**DETROIT, MI**

April 25-28, 2018

April 24-27, 2019

April 29 – May 2, 2020

*FIRST events are free and open to the public.*

Visit [WWW.USFIRST.ORG](http://WWW.USFIRST.ORG) and click on “VIEW TEAMS & EVENTS” at bottom of page

**MORE THAN ROBOTS**

*FIRST*® learning never stops building upon itself, starting at age 6 and continuing through middle and high-school levels up to age 18. Young people can join the international, K-12, after-school STEM programs at any level. *FIRST* inspires STEM innovation excellence by teaching participants a multi-disciplinary set of 21<sup>st</sup> century skills and immersing them in project-based learning and robotics competitions made possible by public and private partnerships. Working with volunteer adult Mentors/Coaches, *FIRST* youth receive the benefit of real workforce training.

All statistics are projected for the 2015-2016 season, worldwide

**Junior FIRST® LEGO® League**  
Grades K-3 (ages 6-9)

Teams design and construct a model with motorized parts using LEGO® elements, and present their research journey on a *Show Me* poster.

- 6,800+ teams
- 200+ expos
- 40,500+ participants
- 32% female; 68% male participation

**FIRST® LEGO® League**  
Grades 4-8 (ages 9-16\*)

Teams build LEGO®-based autonomous robots and develop research projects based on a real-world Challenge that changes annually. \*Ages vary by country

- In partnership with the LEGO Group
- 29,000+ teams worldwide
- 1,218 Qualifying Tournaments; 153 Championship Tournaments; 1 World Festival
- 233,000+ participants
- 30% female; 70% male participation

**FIRST® Tech Challenge**  
Grades 7-12 (ages 12-18)

Students learn to think like engineers. Teams develop strategy, build robots using a reusable kit of parts, and compete head to head.

- 5,150+ teams
- ~500 Qualifying and Championship Tournaments; 4 Super-Regionals; 1 World Championship
- 51,500+ participants
- 25% female; 75% male participation

**FIRST® Robotics Competition**  
Grades 9-12 (ages 14-18)

Teams compete with 120 lb. robots in this varsity Sport for the Mind™, combining the excitement of sport with the rigors of science and technology.

- 3,100+ teams
- 53 Regional Events; 8 State/District Championships; 63 District Events; 1 Championship
- 75,000+ participants
- 27% female; 73% male participation

Gracious Professionalism®

Coopertition®

Sport for the Mind™