

## Impact

(Brandeis University Study)

FIRST participants are:

- Significantly more likely to attend college
- Twice as likely to go on to major in science or engineering
- Three times as likely to major specifically in engineering

Upon entering college, they are:

- Ten times as likely to have an internship with a company
- Four times more likely to expect to pursue a career in science and engineering
- Young women are four times more likely to go on to studies in science and engineering
- Minority members of FIRST teams are more than twice as likely to enter these fields

## Scope (2014-15 Projections)

- 400,000+ young people in ~80 countries
- 180,000+ Mentor/Coach/Volunteer roles
- 3,500+ Sponsors
- Over \$20 million in scholarships from more than 180 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.

### Strategic Partners:

3M; BAE Systems; Bechtel Corporation; The Boeing Company; DEKA Research & Development; Dow Chemical Company; FedEx; General Motors; Google; JCPenney; NASA; National Instruments; PTC; Qualcomm Incorporated; Rockwell Automation; Rockwell Collins; Time Warner Cable; United Technologies Corporation

### Founding Sponsors:

Baxter International; Boston Scientific; The Chrysler Foundation; DEKA Research & Development; Delphi; General Motors; Johnson & Johnson; Kleiner Perkins Caufield & Byers; Motorola Solutions Foundation; 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

200 Bedford Street ■ Manchester, NH 03101

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Facts  
About



2014-2015 SEASON PROJECTIONS



The **SCIENCE** of  
*Celebration*

CONCEIVE + COLLABORATE + CREATE  
+ COMPETE = **CELEBRATE**





**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 21st 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 2014-2015 season

**Jr.FLL**

**FLL**

**FTC**

**FRC**

**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.

- 4,500 teams
- 100+ expos
- 27,000 participants
- 35% female; 65% male participation

***FIRST*® LEGO® League**  
Grades 4-8 (ages 9-14\*)

\*9-16 outside North America

Teams build LEGO®-based autonomous robots and develop research projects based on a real-world Challenge that changes annually.

- In partnership with the LEGO Group
- 26,762 teams worldwide
- 1,165 Qualifying Tournaments; 136 Championship Tournaments; 1 World Festival
- 267,620 participants
- 32% female; 68% 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.

- 4,450 teams
- 300+ Qualifying and Championship Tournaments; 4 Super-Regionals; 1 World Championship
- 44,500 participants
- 23% female; 77% male participation
- 35% minority 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.

- 3,000 teams
- 56 Regional Competitions; 5 Qualifying Championships; 44 Qualifying Competitions; 1 Championship
- 75,000 participants
- 26% female; 74% male participation
- 27% minority participation

**SAVE THE DATE:**

***FIRST* Championship**

April 22-25, 2015

April 27-30, 2016

April 26-29, 2017

St. Louis, Missouri

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

Visit [www.usfirst.org](http://www.usfirst.org) and click on "Locate a *FIRST* Team or Event."

Gracious Professionalism®

Coopertition®

Sport for the Mind™