



# FIRST ROBOTICS COMPETITION



## HOW IT WORKS

- » Since 1989, the *FIRST*® Robotics Competition has grown from 28 teams to 3,400 projected for 2017.
- » Over 90% of the high schools and their company Mentors have stayed involved year after year.



*“...It’s like life. You never have enough information. You never have enough time. The kit of materials may be what you have in the warehouse. There are always people doing competing things and you must have a strategy. We’ve created a microcosm of the real engineering experience.”*

» WOODIE FLOWERS  
FIRST DISTINGUISHED ADVISOR

### What is it?

- A unique varsity *Sport for the Mind*™ designed to help high-school-aged young people discover how interesting and rewarding the lives of engineers and scientists can be.

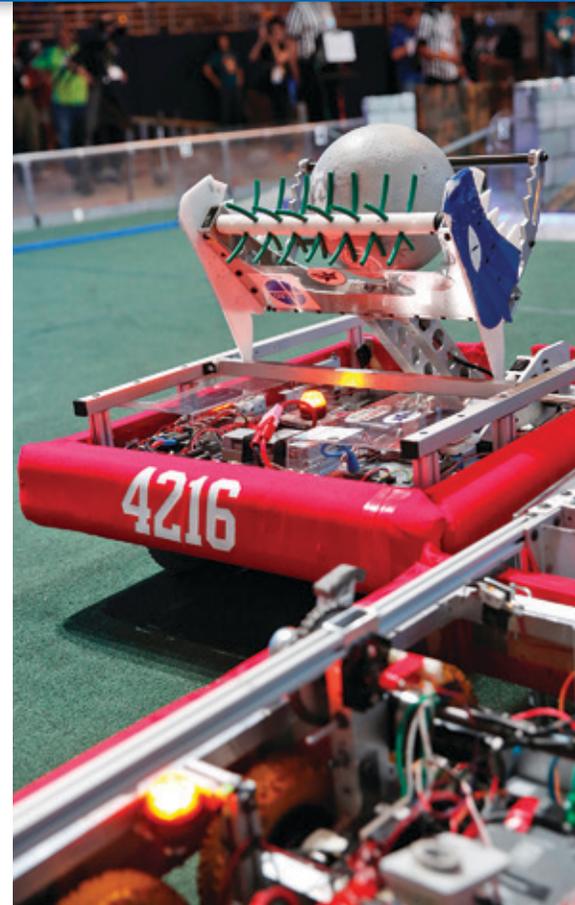
### Why is it unique?

- It is a sport where participants play with and learn from the pros
- Designing and building a robot is a fascinating real-world professional experience
- Competing brings participants as much excitement and adrenaline rush as conventional varsity tournaments
- The game rules are a surprise every year

### The hardest fun you’ll ever have

*FIRST* Robotics Competition combines the excitement of sport with the rigors of science and technology. To meet a new challenge each year, teams hone teamwork skills, design, build, and program a robot during six weeks to perform tasks against a field of competitors, create a team “brand,” and raise needed funds. Participants use the same tools used by professional engineers, LabVIEW® graphical design software from National Instruments. Professional Mentors provide their time and talents to help each team succeed.

*FIRST* Robotics Competition is as close to real-world engineering as a student can get. It’s a sport where all participants may choose to become a professional.



### Get started:

You’ll need...

- High-school-aged students from your school and/or community
- Adult Mentors/Coaches
- Financial sponsors
- A meeting place
- Tools
- Time
- Passion and dedication

## **GET INVOLVED!**

Join or start a team in your area



Sponsor a team, event, or local *FIRST*<sup>®</sup> program



Become a team Mentor or Coach



Volunteer to fill over 100 roles

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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