

A BRIEF LOOK AT THE 2013 *FIRST*[®] ROBOTICS COMPETITION



Bishop-Wisecarver[®] is an official Diamond Supplier of the 2013 competition (www.bwc.com)
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Created in March of 2013 by the Bishop-Wisecarver marketing team

"To transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology leaders." - Dean Kamen, Founder

About

Founded in 1989 by Dean Kamen
Headquartered in Manchester, NH
501(c)(3) public charity
Led by Founder Dean Kamen
Walt Havenstein, Chairman of the Board
Robert M. Tuttle, Interim President
Programs include FRC, FTC, FLL, Jr. FLL

Then

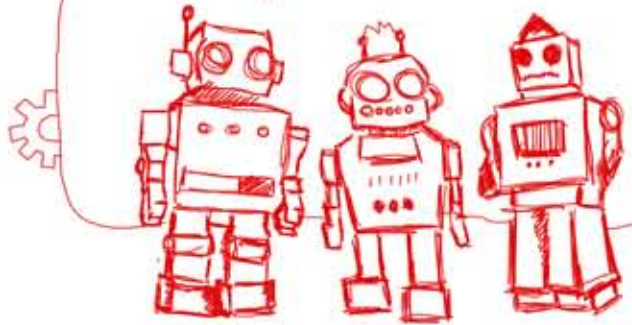
28 teams compete in 1992 at a high school gym in New Hampshire

Now

303,000+ students compete for a spot at the annual championship at the Edward Jones Dome in St. Louis, MO

Overall Program Reach

- ➔ 303,000+ students
- ➔ 29,200+ teams
- ➔ 25,000+ robots
- ➔ 56,500+ mentors/adult supporters
- ➔ 64,000 other volunteers



FRC — FIRST Robotics Competition

2,548 teams and 50,960+ High School Students (grades 9-12)
58 Regional Events; 1 State Championship; 1 Region Championship; 17 District Competitions
FIRST Robotics Competition Championship at the *FIRST* Championship in St. Louis, MO, April 24-27, 2013
Robots are built in six weeks from a common kit of parts provided by *FIRST*, and typically weigh up to 150 lbs.

FTC — FIRST Tech Challenge

2,500 teams and 25,000 high school students (Grades 9-12)
100+ Qualifying and Championship Tournaments
FIRST Tech Challenge World Championship at the *FIRST* Championship in St. Louis, MO
April 24-27, 2013

FLL — FIRST LEGO League

20,500 teams and 205,000 children (Grades 4-8) from 60+ countries
814 Qualifying Tournaments; 124 Championship Tournaments; 3 Open Championships
FIRST LEGO League World Festival at the *FIRST* Championship in St. Louis, MO, April 24-27, 2013
Autonomous robots are built using LEGO MINDSTORMS technologies

Jr. FLL — Junior FIRST LEGO League

3,000 teams and 22,200 kids (Grades K-3)
100+ Jr.FLL Expos
Participants design and construct a model using LEGO bricks and moving parts and present their research journey on a poster

In a study by Brandeis University's Center for Youth and Communities in 2011, FTC and FRC participating students reported...

Overall Scholarship Program

- ➔ More than \$16 million in college scholarships
- ➔ 756+ scholarship opportunities
- ➔ 150+ scholarship providers

More than 90% of the team members in both programs reported **learning more about how science and technology can be used to solve problems in the real world**. Similarly, **80%+ of team members said that they wanted to learn more about science and technology, were more interested in science and technology careers, and wanted to be a scientist or engineer..**

The Future

To reach four million youth around the world by 2015

FIRST and Boys and Girls Clubs of America have joined forces as of April 28th, 2012 to promote K-12 after-school participation in hopes of creating 3,000 robotics clubs in the next three years