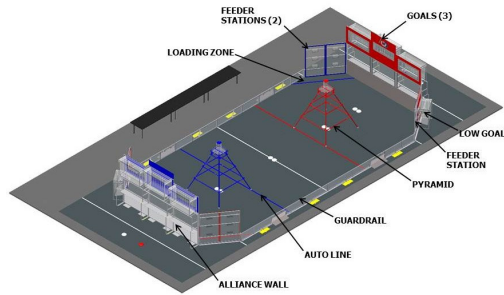


The 2013 Competition



The name of the game is "Ultimate Ascent". The game is played on a 27'X54' field with two alliances (red and blue) of three teams each. Competitions are amazing!

The object of the game is for robot alliances to score as many discs as you can into in each 2 minute and 15 second match. At the end of the match, teams can earn bonus points by climbing their alliance's metal pyramid. To earn these points, robots must be elevated in one of the three levels of the structure. The higher the level, the greater the point value. There are four types of goals, worth different amounts of points depending on height. The low goal is worth one point while the goal on top of the pyramid is worth five. Once again, this makes for an exciting end game!

The teams go CRAZY, more so than any other sporting event that you have ever been to. Students and mentors are painted up and dressed up and everyone has a blast!



More Than Just a Robot



Teams from 11 countries around the world including the U.S., Canada, Brazil, Israel, Ecuador and Great Britain will compete in

the competitions. Students are provided with the opportunity to not only work with engineering mentors, but to network with thousands of other students from around the world and obtain scholarships from major engineering colleges across the United States.

On our team there is a place for everyone. We have many different subteams: Marketing, Webpage, Strategy, Leadership, FLL/JrFLL, Programming, Mechanical, and Electrical.

We dedicate the bulk of the preseason to team-building activities and developing our team's skills. The result of this is that our team becomes more than just a club, we become a family, and individually we become better people. Our team has very high standards. We expect the best from everyone and we push each other and ourselves. In the words of one of the FIRST founders, Woodie Flowers, "This is the hardest fun you will ever have."



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FIRST®



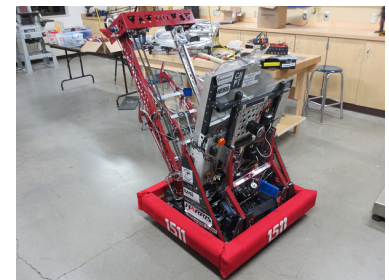
What Is FIRST?

FIRST stands for "For Inspiration and Recognition of Science and Technology."



It is an acronym that defines not only a robotics competition, but a way of providing students and mentors alike with the opportunity to experience everything that goes into a true engineering project. The competition itself is based around a 6 week design and build period where teams get a kit of motors, miscellaneous building parts and a "task" in early January that is different every year.

Teams then compete in 3-day Regional events in March in preparation for the International Championship in April.



The History of FIRST

The F.I.R.S.T. competition was founded by entrepreneur and inventor, Dean Kamen, in 1992. It started with a small competition of 28 teams in Manchester, NH.



"A society gets what it celebrates," says Dean Kamen, acclaimed inventor of the Segway Human Transporter and holder of more than 150 patents related to medical devices, climate control systems and helicopter design.



"In today's world, we need to be celebrating the technical and scientific prowess of our young people." Dean's goal is to inspire young people to look up to engineers the way that they often looked up to professional athletes. As of 2011, the competition has grown to well over 2000 teams competing in over 50 regional events and a championship event at the Edward Jones Dome.

www.penfieldrobotics.com
TEAM 1511

The Penfield/Harris FIRST Team & Getting Involved

2013 is the 9th year for the Penfield High School & Harris Corporation FIRST Robotics Team. With 45 students, 40 mentors and numerous parents, the team has accomplished so much! This year, 8 out of 9 graduated seniors are attending college to pursue a science or engineering career.

In the past 9 years, the team has won 32 awards including 4 Chairman's Awards, 4 Engineering Inspiration Awards, Regional Winner, Championship Judge's Award, and Championship Rookie All Star Award!

1511 will compete at the Finger Lakes Regional at RIT, February 28th—March 2nd, and will compete at the Boston Regional in Massachusetts. We hope to also compete at International Championships in St. Louis, MO, April 24-27. We wish all the competing teams good luck! For more information, please visit our website: www.penfieldrobotics.com



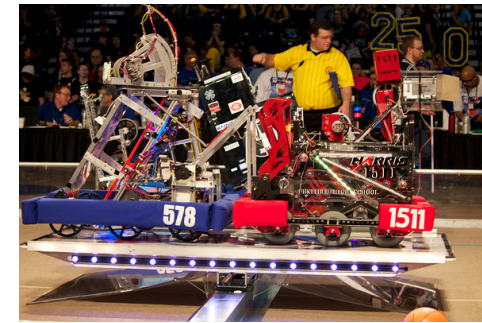
Rochester FIRST



In 2004, Rochester was home to 8 competing FIRST teams with sponsors like Xerox, Kodak, Bausch & Lomb, RIT, and Gleason Works. High Schools included

Edison Tech, Wilson, John Marshall HS, Churchville-Chili, Fairport, Webster, Charles Finney, and the Global Media Arts HS. In 2013 there are now over 30 teams in Rochester!

One of the FIRST Regional competitions is held at RIT in the Gordon Field house right here in Rochester! The 2013 event was held on February 28th-March 2nd and is open to the public! Keep an eye out for local demonstrations held by 1511 and other local teams!



**ULTIMATE
ASCENT**

www.usfirst.org