

# What is FIRST Robotics?

*FIRST®  
For Inspiration and  
Recognition of Science  
and Technology.*

The mission of FIRST is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

*Founded by Dean Kamen in 1989, FIRST develops accessible, innovative programs to motivate young people to pursue education and career opportunities in science, technology, engineering, and math, while building self-confidence, knowledge, and life skills.*

**For more info on FIRST**



## Team Neutrino 2017



**For**



**more information about our  
team visit our website at:**



Team  
**Neutrino**  
**FIRST Robotics Team #3928**

[www.teamneutrino.org](http://www.teamneutrino.org)

# About Team Neutrino

Team Neutrino faces the exciting challenge of building a robot to compete in FIRST Robotics Competition events. The team is composed of high school students from Story County. Each year a new game is released in the first week of January. The students have six weeks to design, build, and program the robot. While working along-side mentors at their build space at Iowa State University, students solve problems and learn about the field of engineering. They are also responsible for marketing the team, creating a positive team image, designing a website, and fundraising. Team Neutrino students volunteer their time to community events such as team-developed summer camps, robot demonstrations, and community service projects.

The robot above was designed to play **FIRST STEAMWORKS**. The challenge is to shoot “fuel” balls into a steam generator to power the airship, located in the center of the field. Gears must be delivered to make the airship fly!

FRC is a unique varsity Sport for the Mind™ designed to help high schoolers discover how interesting and rewarding the lives of engineers and scientists can be.

Students gain the technical skills, professionalism and self-confidence that all but guarantee them extraordinary career opportunities.



Team Neutrino works hard to inspire students at a young age to pursue STEM. The team mentors 14 FIRST teams, runs eight summer camps, and volunteers for over 2,000 hours each year. Team

Neutrino is well known in the community as being a cohesive, spirited group of high schoolers committed to spreading the mission of FIRST.



Science Center of Iowa 2017