

Team 2898 • The Flying Hedgehogs



# Team Overview

# Who Are We?

We are FIRST Robotics Competition Team 2898: The Flying Hedgehogs. We're a 501(c)(3) non-profit, and an entirely student run organization that competes in the FIRST Robotics Competition. We're based out of the School of Science and Technology in Beaverton, Oregon. We've been around for over eight years, and are committed to providing STEM (Science, Technology, Engineering, and Math) education to both our students and our surrounding community. We have over forty active members and are growing each year.

This year, we competed in the 2017 FIRST Robotics Competition: Steamworks. Steamworks is a team-based event where two alliances of three teams each must compete on a steampunk-themed playing field to collect and launch balls ("fuel") into boilers, while also delivering large plastic gears to human-manned "airships."

Outside of the competition field, Team 2898 partners with companies such as Intel and NVIDIA to spread STEM awareness and education throughout our local and global community. Our newest vector, Spark Academy, is a summer camp shaped towards spreading STEM skills to elementary and middle school students. Students on Team 2898 work to create new FIRST Lego League and FIRST Tech Challenge teams, even partnering with FIRST Robotics Team 1510: The Westview Wildcats to form a FIRST Lego League team in Rwanda.

# What is FIRST?

FIRST, or *For Inspiration and Recognition in Science and Technology*, is a non-profit organization dedicated to spreading education and growth in STEM-based fields. For over twenty-five years, FIRST has offered a variety of robotics challenges for teams of students of all ages, everything from FIRST Lego League Jr, oriented towards sparking interest in STEM in elementary school students, to FIRST Lego League, a more competitive FLL Jr., to FIRST Tech Challenge, a robotics competition for middle school aged students, to FIRST Robotics Competition, a high school-oriented competition teaching engineering, business, and many other essential skills for the modern world.

Every year in the FIRST Robotics Competition, teams are given just six weeks between when the yearly game challenge is released and when the teams must stop building, requiring the entire robot to be strategized, prototyped, designed, machined, assembled, wired, and programmed in that small timeframe.

Designed as the ultimate sport for the mind, the FIRST Robotics Competition is described by participants as "the hardest fun you'll ever have."

More information can be found at FIRST's website, [firstinspires.org](http://firstinspires.org)

