



Team
Neutrino

Annual Report 2011-2012

Role Model Characteristics

We have already formed a few characteristics that other teams should emulate. Firstly, we are passionate. We are passionate about what we do and have already worked hard to inform others about why we love participating in FIRST. Second, we are determined. Throughout the season the students and mentors have been working very hard to reach a common goal. Lastly, we are grateful. We have shown our thanks to many other team, mentors and sponsors for giving us the opportunity to participate in FIRST.



Chairman's Essay

This year, Team Neutrino has done many things to start up and improve our rookie year by having an impact on the students, the FIRST organization and the community. As we have gone through the season, we have improved the education and the influence on our students. We have achieved this by helping students with homework and teaching them the skills necessary to continue with the team in later years and to help them in careers that they will pursue in the future.

Throughout the weeks and months leading up to the season, we took our students to Quality Manufacturing, Sauer Danfoss, and had the Iowa State University Lunarobotics Team come and talk about their robot and competition.

We have also had a lot of interaction with other teams, such as 1625 from Illinois, 2977 from Minnesota, 525 from Cedar Falls, 1675 from Wisconsin, and our local middle school's FLL team. From 1625, 2977, and 1675 we got robot parts and in January we met up with Team 525 and talked about how their team worked and how our season had been going. On November 5, we traveled to Kansas City for team bonding and the experience of seeing the competition. On December 3, we attended our FLL team's kickoff. We used this time to talk about our new FRC team at the high school, and try to get them to join the team when they get to the high school level. We also have many mentors and students that helped out at the Iowa State FLL Competition. On February 18, we went to Cedar Falls to test our robot against other teams.

We have many mentors who have helped out in the FIRST community repeatedly. Together they have been a part of FIRST for several years. They also help out with two different FLL teams, and a FTC team. They also volunteered at the FTC regional.

Our team has also done a few community events where we sold light bulbs and gave information about the team and the FIRST organization in front of our local JCPenney. The manager from JCPenney also came to our team kickoff. We have also worked with Boy Scouts. One of the students on our team is a Boy Scout and for his Eagle Scout Project, he helped clean and organize the shop that we are currently working in. Another event that 1625 has helped us put together was when they let us use their robot for a demonstration in our school cafeteria to promote our team. Recently, our co-captain, Sarah Pinkerton, went to talk to a local elementary school robotics club to tell them about the robotics program at the high school.

Before our season began, we did many things to improve our shop workspace and get some team experience. We spent two weeks cleaning and reorganizing our school's old auto shop in order to get it ready for the season.

All in all, we have had a very productive rookie season and hope that next year can be as fun and successful as this year.

2011-2012 By the Numbers

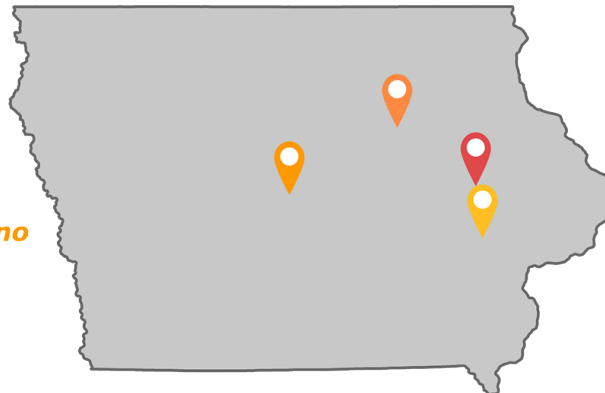
Iowa FRC Teams

167 Children of the Corn
Iowa City

525 Swartdogs
Cedar Falls

967 Iron Lions
Marion

3928 Team Neutrino
Ames



Award History

2012 Rebound Rumble
Highest Rookie Seed
@ Midwest

Volunteer
EVENTS

17



Events and Programs

SEPTEMBER 2011

Ames High Club Fest*
New-Trino Informational Meeting

OCTOBER 2011

Ames Public Library Presentation*

NOVEMBER 2011

STEM Town Hall Meeting*
Robot Basics Presentation*

DECEMBER 2011

FLL Regional Volunteering at Science Center of Iowa*
FLL Scrimmage and Presentation at Ames Middle School*
Sauer-Danfoss Sponsor Thank-you Visit

JANUARY 2012

FRC Kickoff
Iowa State FLL Championship*

FEBRUARY 2012

SCI's Girls in Science Festival*
All Iowa FRC Scrimmage
Robot Reveal*
STEM day at the Capitol*

MARCH 2012

City of Ames Eco Fair*
Greater Kansas City Regional
Minnesota North Star Regional

APRIL 2012

VEISHA Festival*
IT Olympics Demonstration*
Sauer-Danfoss Thank-you Visit

MAY 2012

JUNE 2012

Super Summer NXT Class*
Cold Stone Creamery Fundraiser*

JULY 2012

Fourth of July Parade*
Story County Fair*
IRI

AUGUST 2012

Iowa State Fair*

* *signifies outreach event*



Impact on Team Members

The FIRST program has had an enormous impact on the students participating in our rookie year. Adding this competition to our community has given the team the chance to apply their strengths in a way that was not available before. It has improved their time management, critical thinking and teamwork skills.



Team Roster

LEADERSHIP

Dori Pinkerton // Lead Mentor Parent
Tyler Witte // Captain Junior
Sarah Pinkerton // Co-Captain Junior

MEMBERS

Jeremy Grzywacz // Operator FR
Andrew Baldrige // Scout JR
Matthew Coyle // Human Player . . JR
Trey Miller-Dean JR
Nick Royer JR
Bojun Song // Driver JR
Ian Nieland SR

MENTORS

Corey Brown ISU Junior
Kelsey Draus ISU Sophomore
Andrew Guric ISU Senior
Aren Hill ISU Senior
Kent Jahn AHS Teacher
Thomas Lamothe ISU Junior
Tony Milosch John Deere Engineer
Katie Widen ISU Sophomore



Special Thanks to:

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Iowa State University

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