

COONEYTECH

TEAM 269 End of Year

END OF YEAR
2016



Team 269 is proud to conclude this year together. We began as students who weren't all familiar with each other, but now can be called a robotics family.

To recap all of our hard work, we started our journey this year, long before the official build season was put into motion. Our team organized a training system, where the more experienced upperclassmen taught the new members each department of our team. For example, the head of the machine shop demonstrated the proper way to measure and cut, and how to use the machinery. This year, we also implemented the option to experience the different kinds of work we do. Through rotational stations, students who focused on designing could see building the robot through the machine shop's eyes. Same goes for the programmers and electrical team.

We are happy to proclaim that our training this year was successful. It will be exciting to hold training again with new team members.



Promote the Media!

Our website

<http://www.cooneyrobotics.com/>

Twitter

<https://twitter.com/269Robotics>

Instagram

<https://www.instagram.com/cooneytech/>

Tumblr

<https://www.tumblr.com/blog/cooneytechrobotics>

YouTube

<https://www.youtube.com/channel/UCgiouWD7hlgUk2Xd-Js4amQQ>

This Year's Regionals

Arizona

Rather than going to Duluth like we did two years ago, our team participated at the regional in Flagstaff, Arizona at the Northern Arizona University. This occurred from March 9th to March 12th. We were ranked 17th out of 52, and played until the second match of the semi-finals. Since this was our first competition with our robot for FIRST STRONGHOLD, we also were able to experiment with our unique button game. We had 8 different button designs and whoever was able to collect all of them was given a wooden coin, engraved with a button design.

Milwaukee

We always go to the Milwaukee regional, hosted at the Panther Arena. This event took place from March 23rd to March 26th. There, we were ranked 21st out of 53 teams. We are also happy to announce that our co-team leader, Nate Early, was named a FIRST Dean's List Finalist.

MS Walk

Our local walk for Multiple Sclerosis was on April 30th. We have made this an annual event to attend because one of our mentors, Rick Vertz, was diagnosed with MS. If you weren't able to make it, please consider joining us for this event next year!

Upcoming Events

Our Robotics banquet is May 17th, beginning at 7 in Oconomowoc's school cafeteria. Please arrive at 6:45 so we can begin on time.

Soon we will be participating in the R20C Rockford Regional. The Rock River Valley US FIRST Robotics Teams partnership provides off-season tournaments for team experience. They base their set-up off of the previous year's game. This will be happening on July 30th.

Each year, we wash cars and sell brats at Oconomowoc's Piggly Wiggly. This will be done on September 18th.

We also have a garage sale coming up. Everything sold are donations from families. Details are still being decided.



Thank You Sponsors!

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Engine Power Inc.

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MSI General

Thank You Mentors!

For supporting us at regionals, during build season, and at any given moment; thank you!

Allison Fischler - StanekTool

Brian Bayer - 3M

Dave Guckenberger - Polymath Inc.

Jon Stieber - Talaris. Electrical Engineer

Marty Smiltneek- Outside the box

Richard Baird - Retired

Rick Vertz - Retired Tool and Die Maker

Josh Anders - GE HealthCare

Jeff Horner - GE HealthCare

Mark Schroll - PLTW Administrator

Molly Stieber - Mechanical Engineer

Bill Keefe

Mark Jappinen - PLTW Teacher

Dan Folger - Sharp Packaging Systems, Mechanical Engineer

Bob Blersch - PLTW Teacher

Lauren Vertz - "Just a Mom"



GE Healthcare

On Thursday, April 28th, our team went to a GE demo for “Bring your kids to work day.” While we were there, we presented to different age groups of children from 5 years old to 15. We gave them an overview of robotics and what we generally do. We described the different levels of robotics and the different programs they could get involved in. Afterwards, we had a lego set-up where the kids were allowed to make things out of Legos. There was also a robot exhibit we had arranged, where two of our Vex robots and our FIRST robot were being demonstrated. Children of all ages were driving the Vex robots and shooting balls into a net. Some of the older kids drove our FIRST robot too. We gave high fives to everyone with our mascot. Overall, we had such a great time, along with all the kids who attended.

