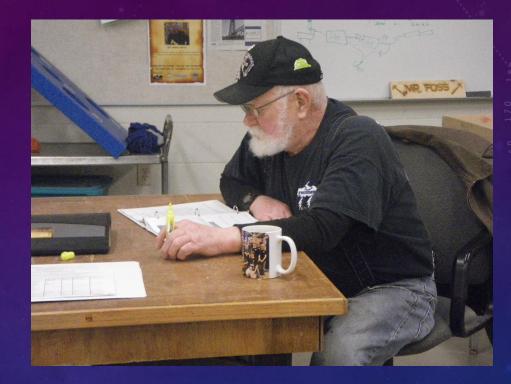


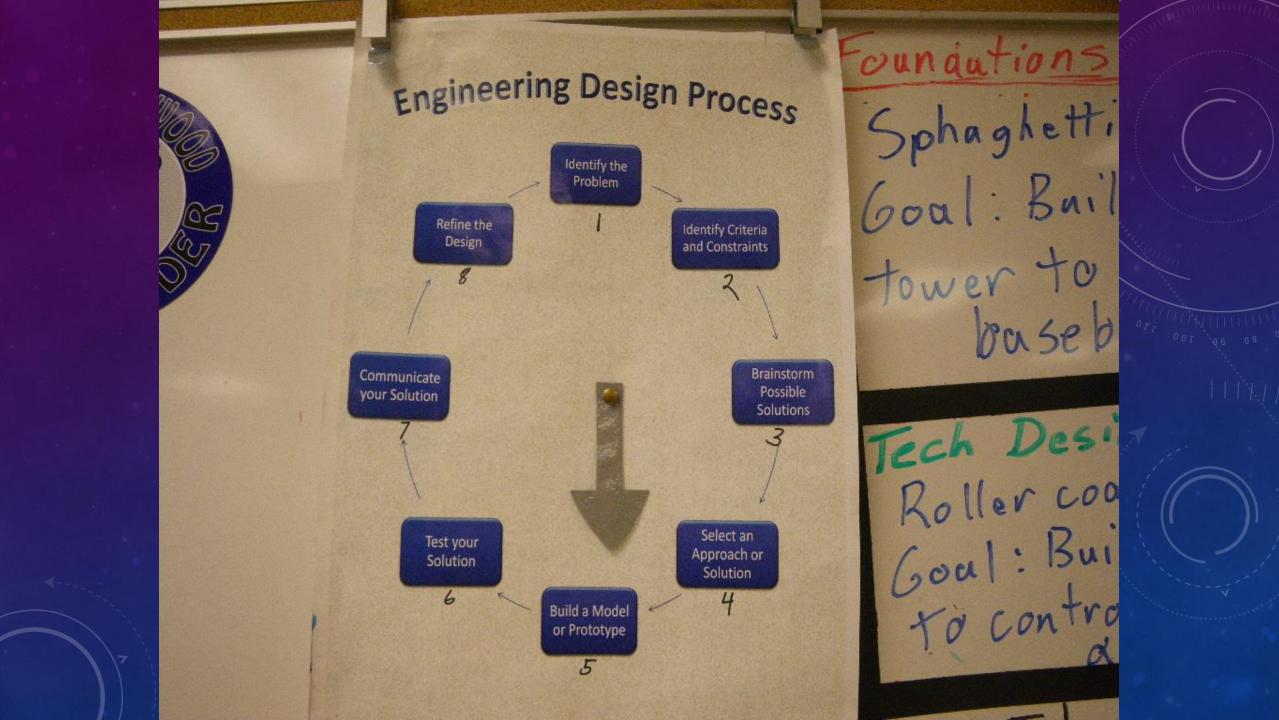
#### 876 THUNDER ROBOTICS

MIKE VOGLEWEDE, ADVISOR



#### 6 WEEKS TO BUILD A ROBOT?

NO STRESS AT ALL



Grab a huge exercise ball Shoot it 7 feet in the air Fast Powerful Traction Accuracy Maneuverable



### BRAINSTORMING

THUNDER KOBOTI

-

and and

03.



#### TRYING OUT IDEAS

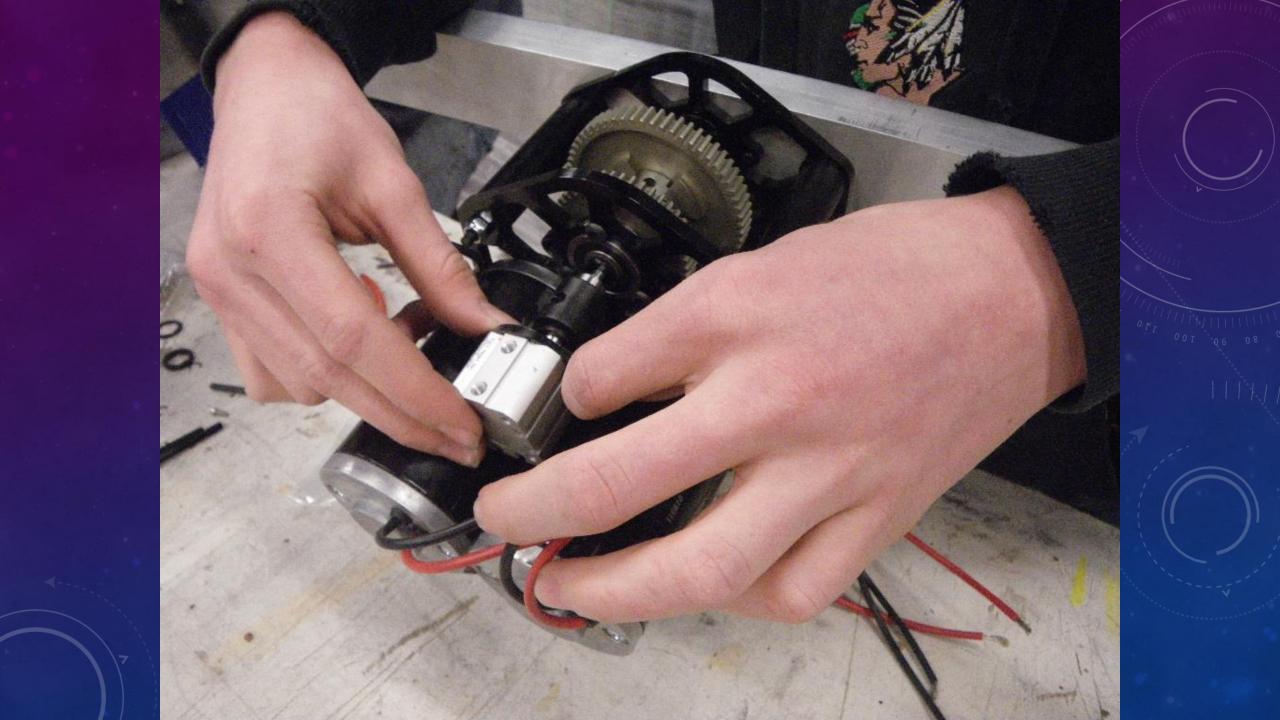
Sansan Brinster

(TO)

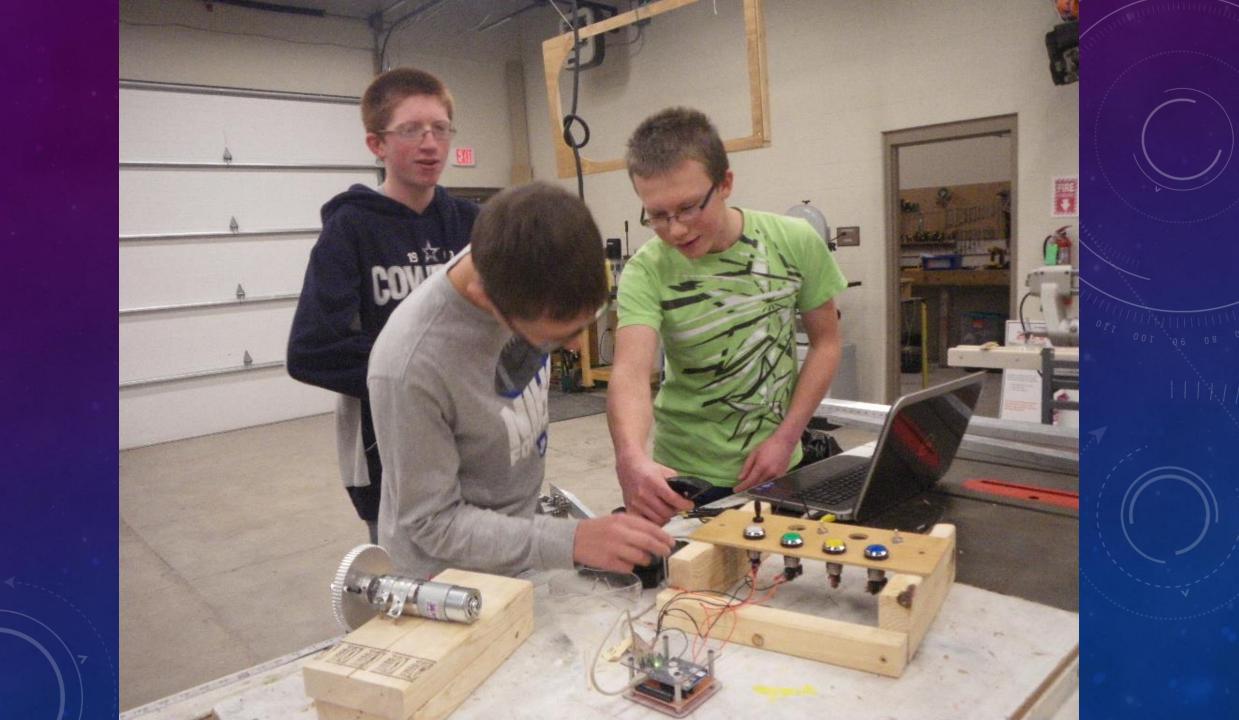
2









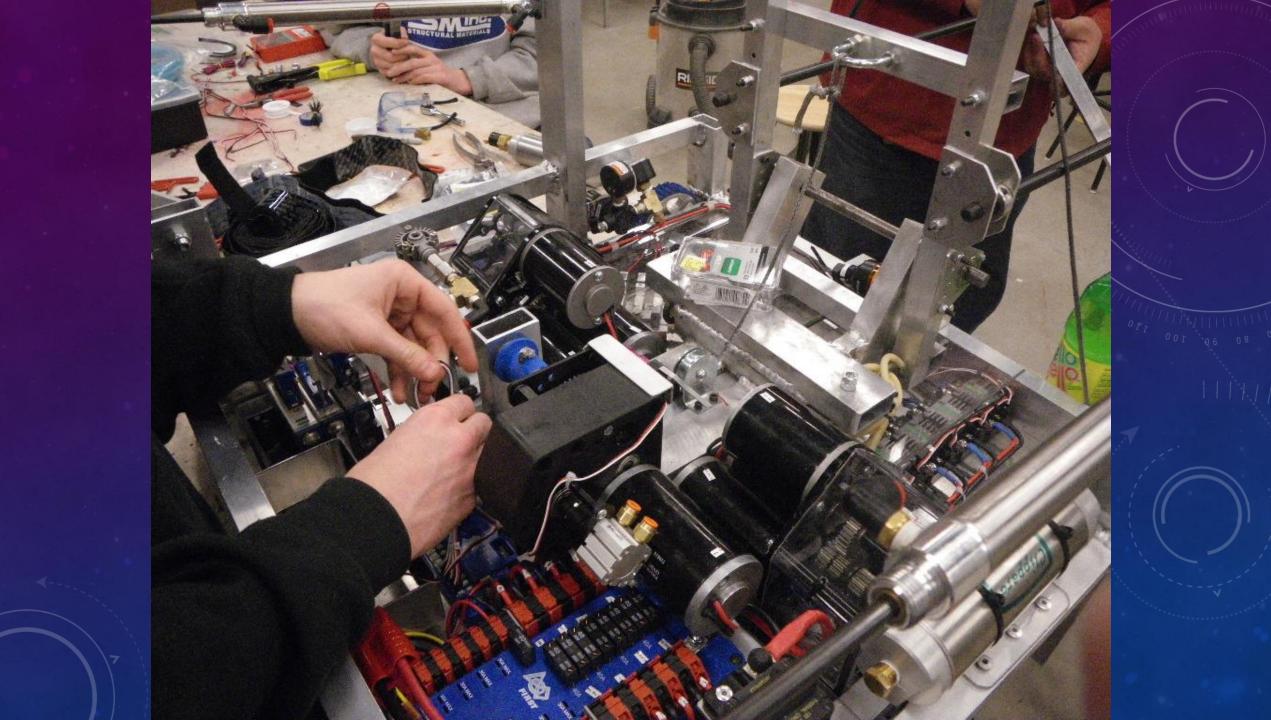


#### Follow the Flow Chart!!

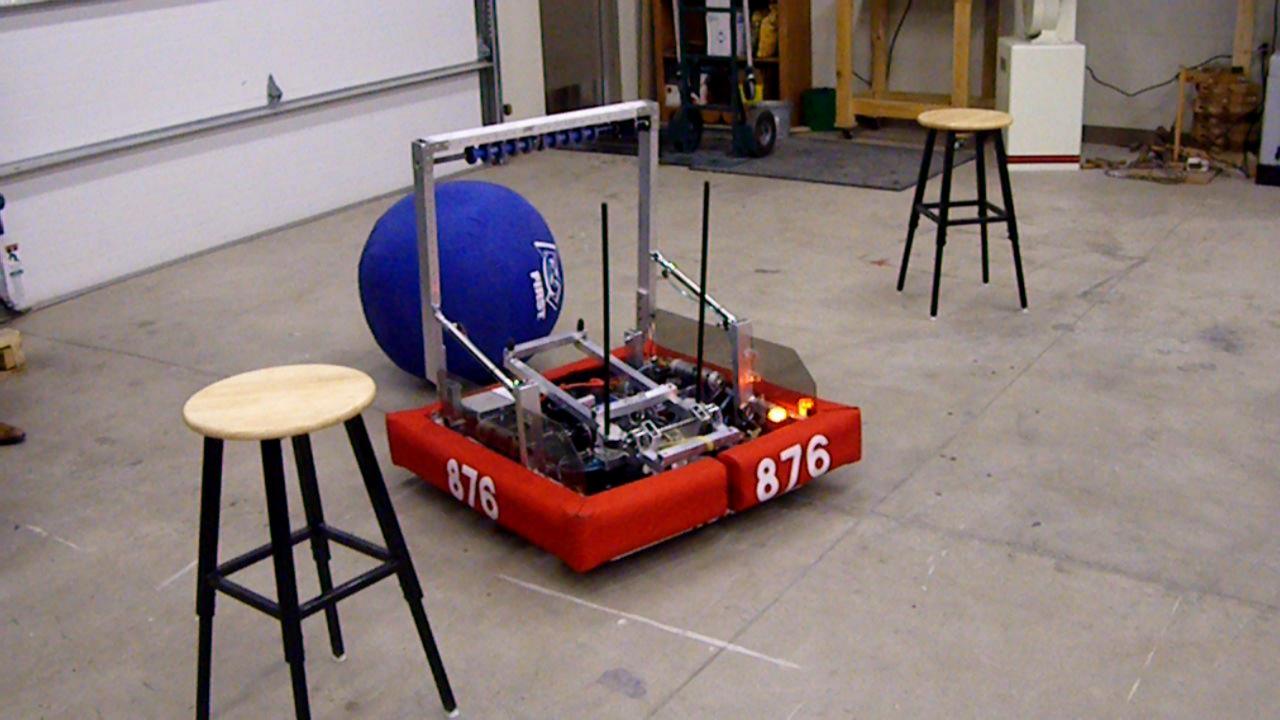


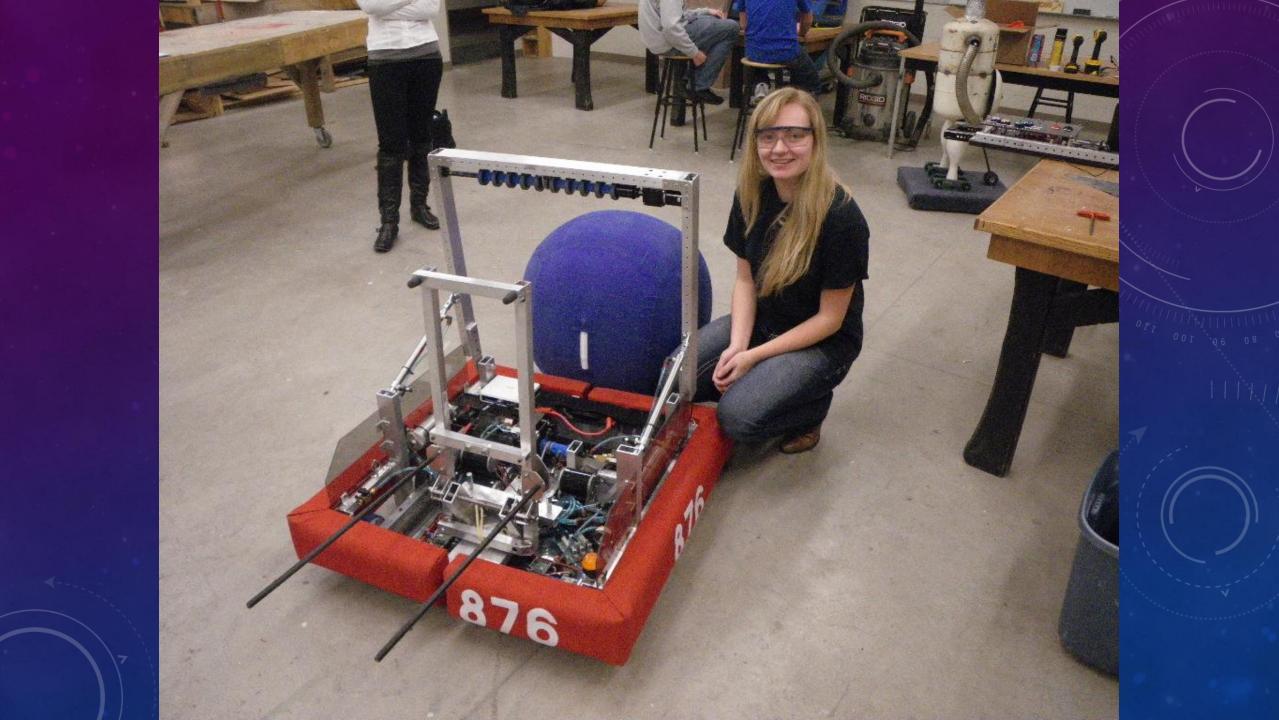


#### USING 3D PRINTER

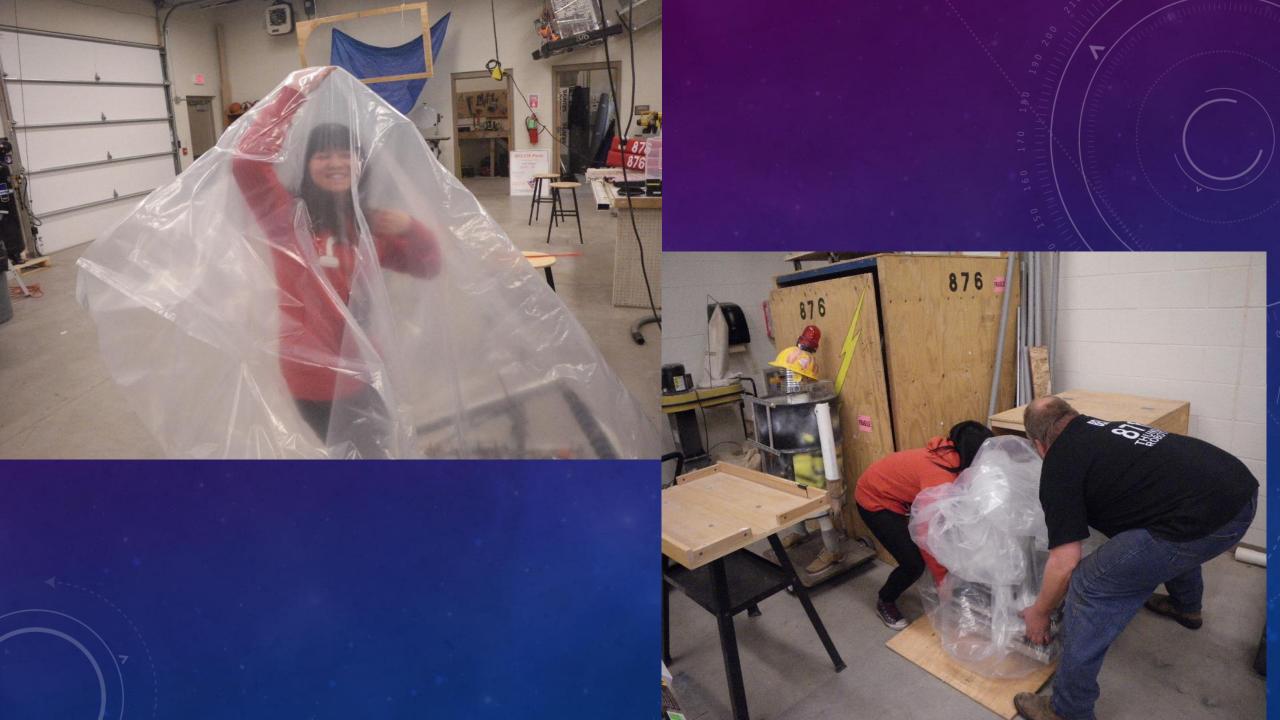


#### PRACTICE, TRIAL AND ERROR GETTING CLOSER



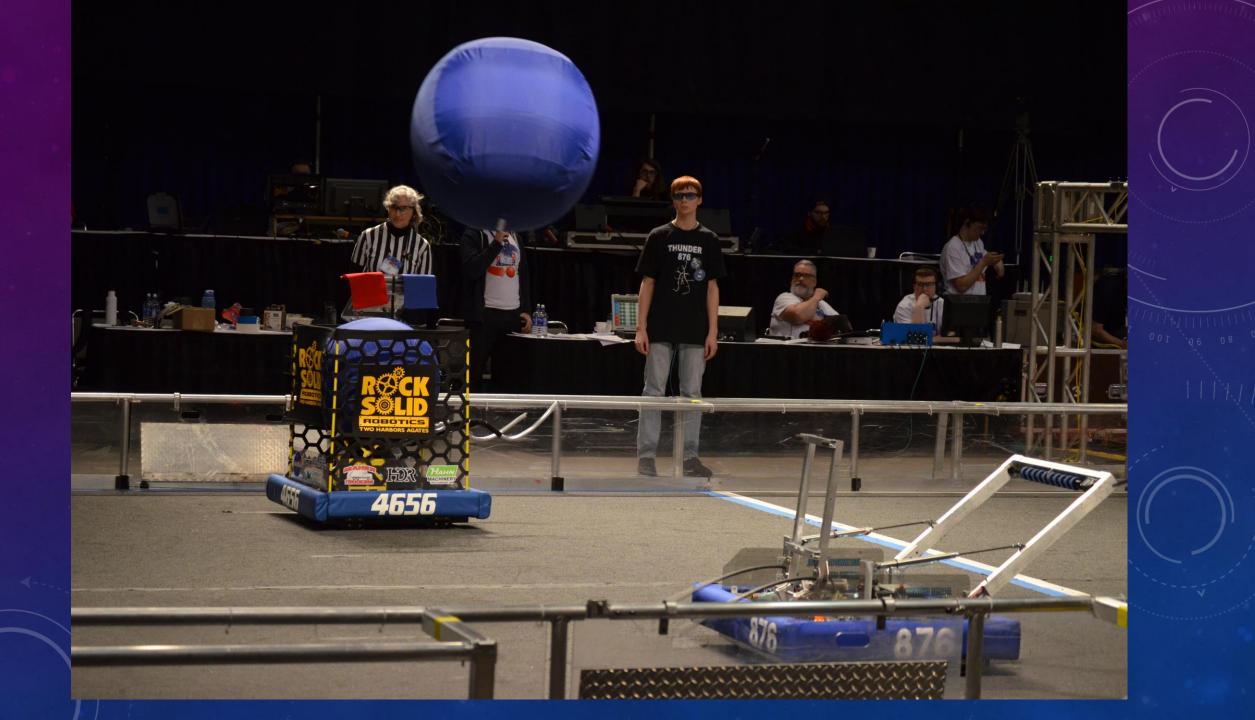


#### TIME TO BAG IT UP GET READY FOR COMPETITION



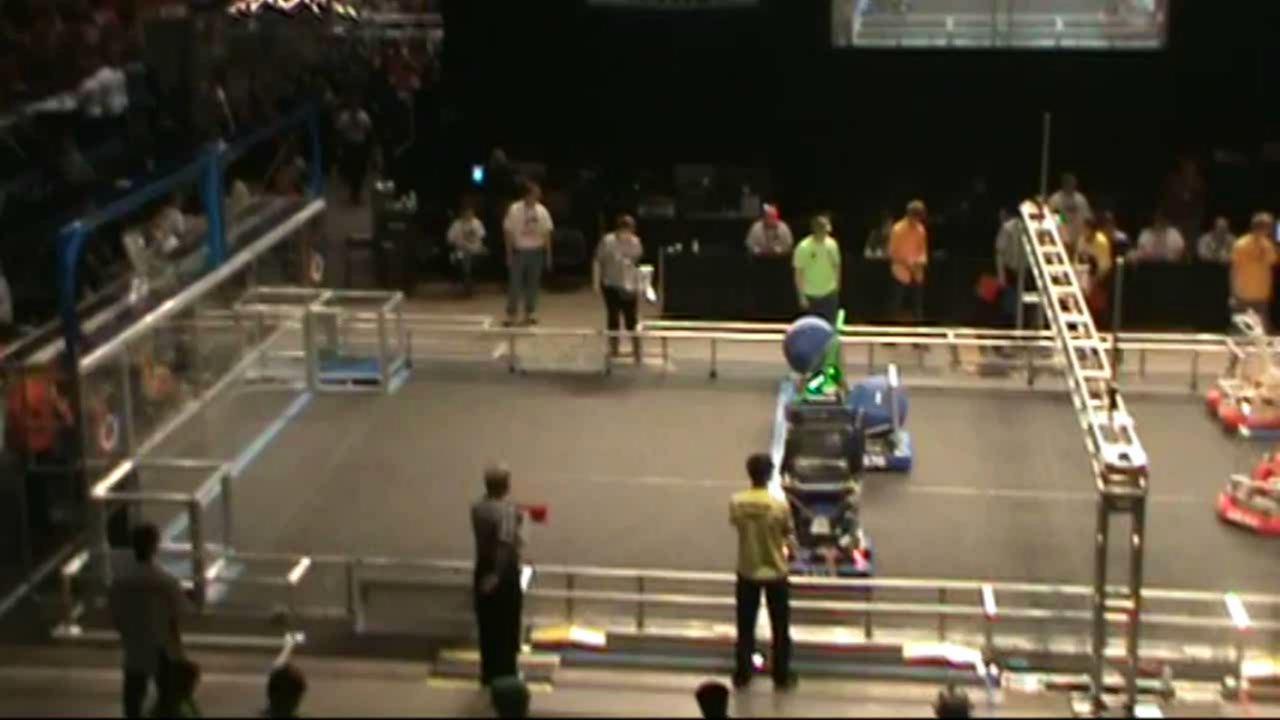
#### COMPETITION AT DULUTH REGIONAL. 50 TEAMS FROM 6 STATES





**Platinum Sponsors**- Citizen's State Bank, John Deere Seeding Group, Ed/ Sue Lloyd, ND CTE Grant, ND Space Grant, Brent Pederson, Trail King Industries, Microsoft. **Gold Sponsors**-Dr. Mary Aaland, American Legion Northwood, Hatton School, Phil / Trish Gisi, Goose River Hoof and Wheels, Terry/ Shelly Hagen, Hatton Men's Club, Dr. Jon/Laurie Berg, Msgt Gary Kimball, Nathan /Jill Fisher, Kate Lafleur, Derek / Robin Lloyd, Northwood Equity Elevator, Northwood Men's Club, Northwood School, NFU Northwood, Michael Oakes, JC Penny, Don/Phyllis Ruud, Steve Silletto, DeeDee /Cary Stephenson, Thunder Booster Club, Whitetail Lounge, Ashley Lions, Thore Gene Ulberg, Joe/Jenna Zavoral

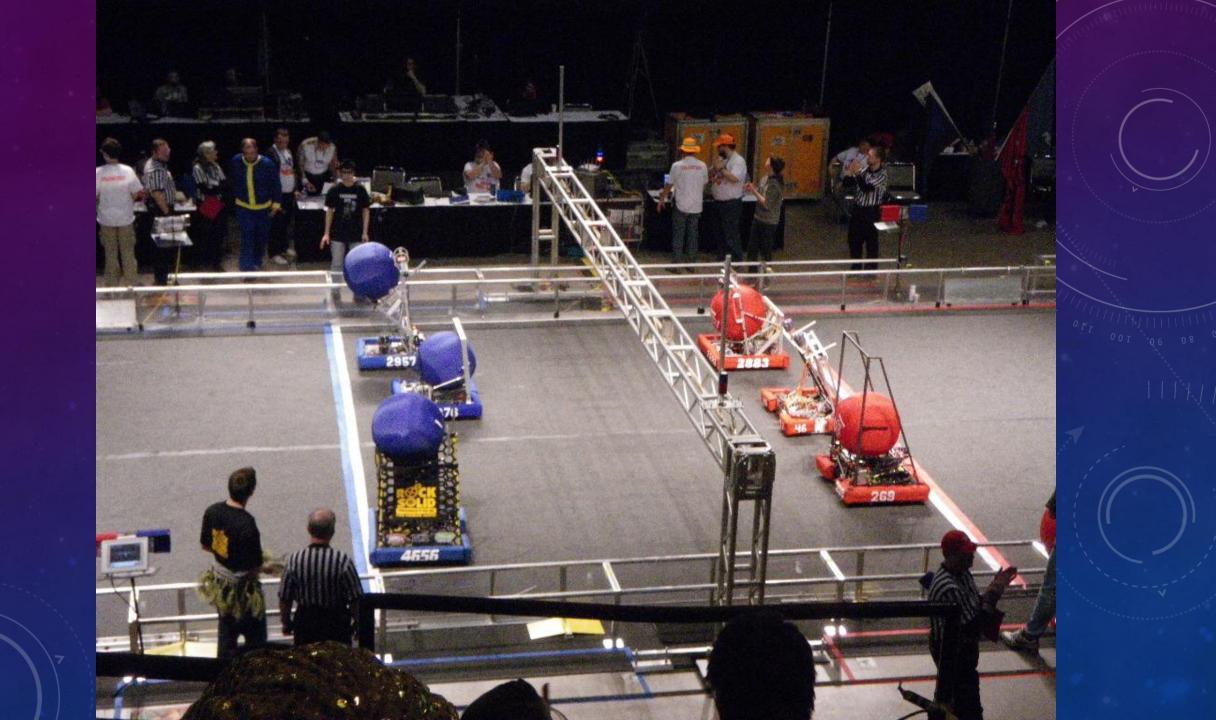












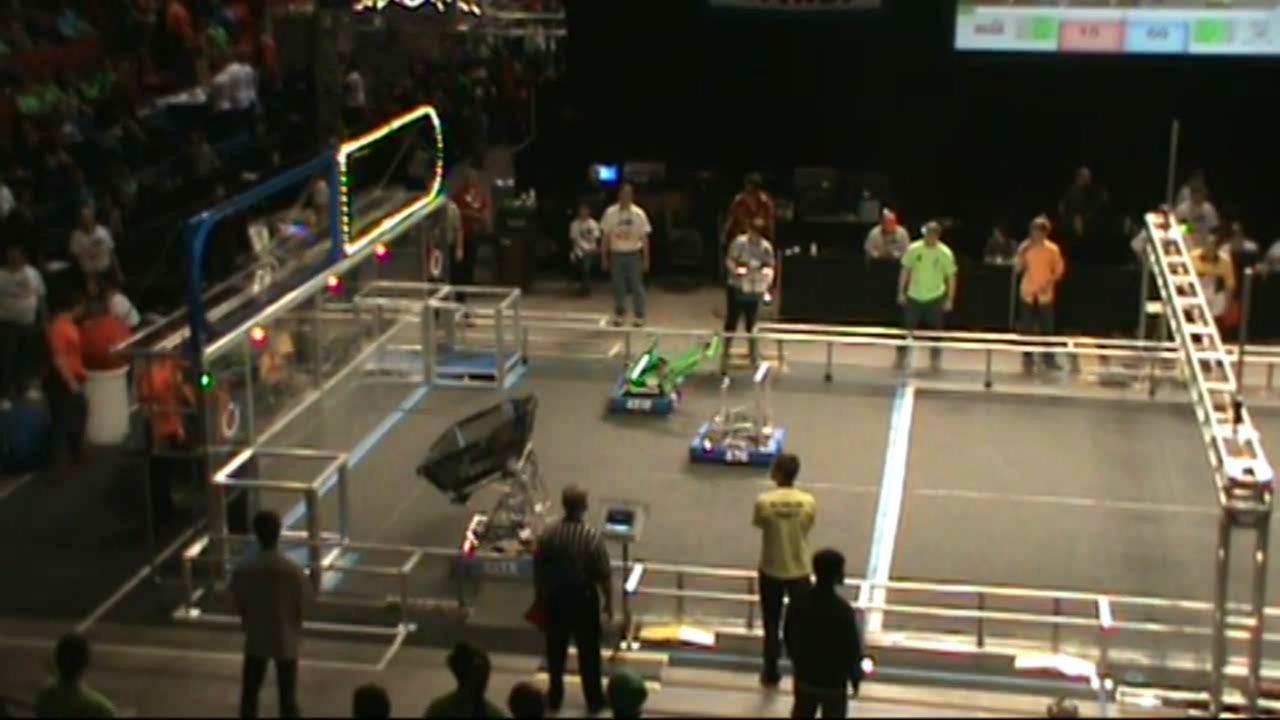
# We finished 3<sup>rd</sup> out of 50 teams and won the prestigious Judges' Award!



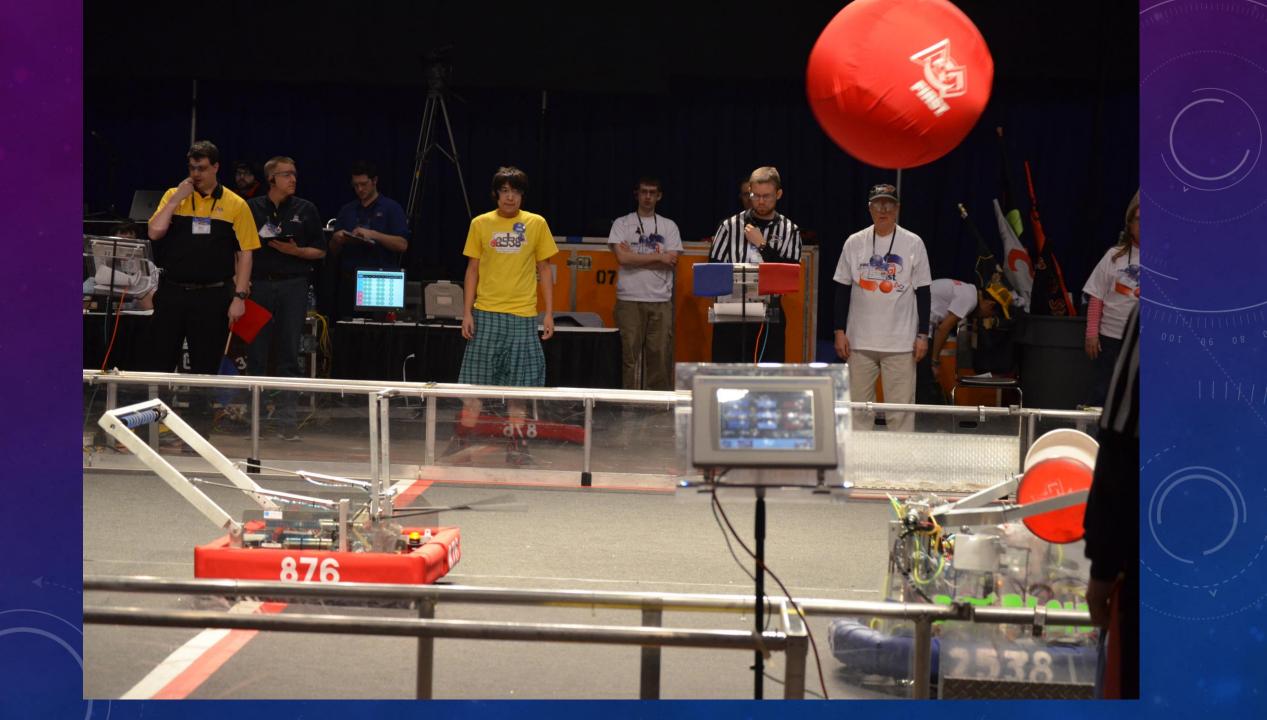
## ON TO THE NEXT REGIONAL TOURNEY IN MILWAUKEE...60 TEAMS FROM 8 STATES.











Thunder Robotics finished 7<sup>th</sup> out of 60 teams and was the only team to beat the eventual Championship Alliance.

#### THANK YOU FOR SPONSORING TEAM 876!!

17/2

### **COMMUNITY INVOLVEMENT**

### ADULT MENTORS WITH STUDENTS





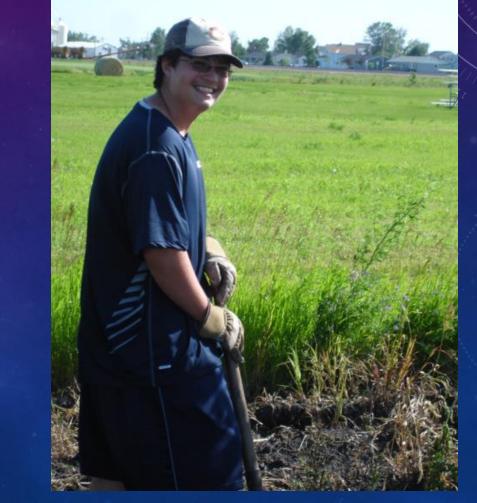


### HOOF AND WHEEL SUPPER AND DEMO





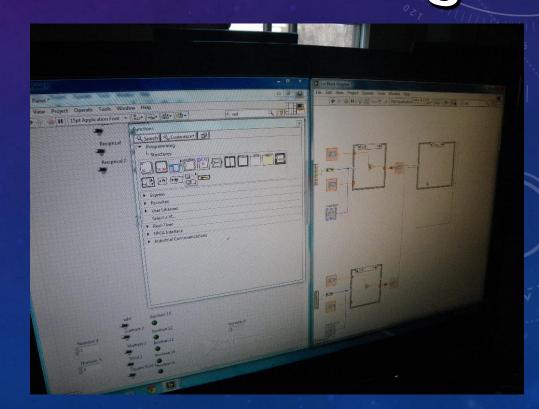




## REPLACING TREES LOST IN TORNADO

# Teaching Area Schools Programming





### DEMONSTRATIONS FOR HOSPITALS





### **OTHER ROBOTIC GROUPS**

LEGOS



FTC



### INVOLVEMENT LEADS TO EXCITING CAREERS

-ENGINEERING COMPUTER MECHANICAL ELECTRICAL CHEMICAL -TECHNOLOGY -MEDICAL -SCIENCE -MATHEMATICS



### LET'S MEET DAVE!!

