



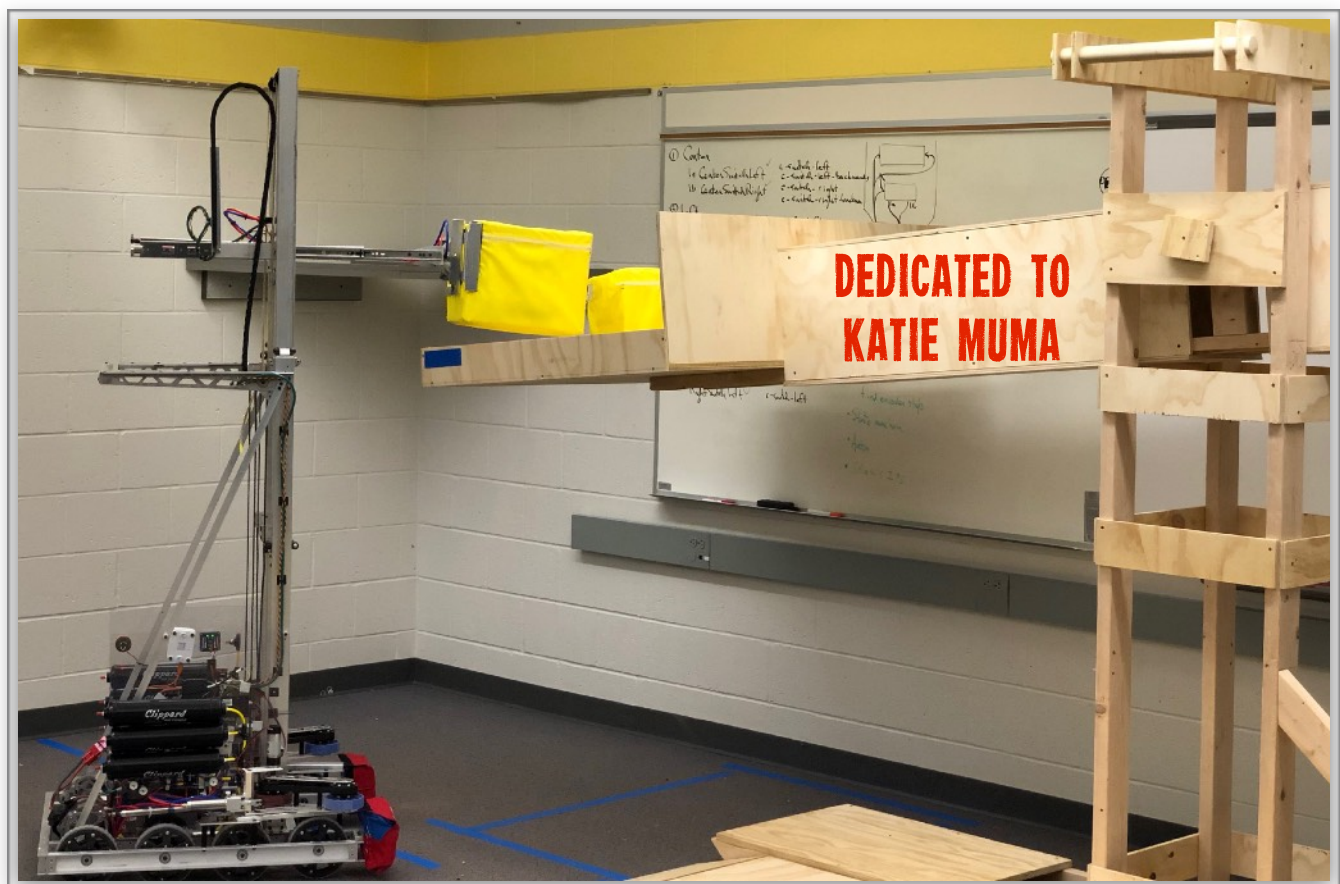
# TRISONICS

## WEEK 6



### The 6 week build season is over FOR the TriSonics!

Coming very quickly to a close, we have completed our 6 week build season with some awesome results. Our robot is named Katie, after the mom of 2 students who died at the beginning of the year due to Stage 4 Pancreatic Cancer. Our team chose to dedicate our season to her, and thus we have named our robot after her too. The robot is safe and sound in a big giant bag, which was tonight - Stop Build Day. Every team in FRC (FIRST Robotics Competition) had to put their robots in a bag at the same time, today at 11:59pm EST. But, the week of our first event at Kettering, we have 6 hours that we can take the robot out of the bag to work on it before competing.



Pictured above: Our 2018 FIRST Power Up robot, Katie, placing a cube on the scale. Check it out!

## Design Team

We've been refining the design of our climbing mechanism, and started to draw it in Inventor this Saturday. With Bag Day coming up in three days, this will likely be mounted during our 6 hours of unbag time, and with only 6 pounds to work with, we have quite the challenge on our hands. We also worked with the Wiring team to locate the electronics within the robot.



## Chairman's Award Team

So this week the chairmans have sent presentation invites to some businesses. We have finished the voice layover for our chairmans video. We interviewed the FLL state champions, team "Hey, Watch This" and we created valentines day cards to send to the Devos children's hospital.

## Build Team

For week 6 we built most of the robot that was left to do we made more bags for the children's food pantry along with that we were able to give the field parts over to programming and have the robot be tested a wired and programmed.

### Events Attending:

Week 2 (March 8-10)

Kettering #2 District

Week 4 (March 22-24)

West Michigan District

## Programming Team

This week, part of the programming team started writing our scouting app. The other half started to debug a little bit of the robot, in between the build and wiring team trying to finish it. Now, its all in the hands of the programming team for debugging and autonomous testing.

## Wiring Team

This week, the wiring team was able to "finish" the wiring on the robot. Obviously still debugging stuff, but for the most part its all done!

# THANK-YOU 2018 SPONSORS!

