



TRISONICS WEEK 5



The TriSonics ARE ONE week AWAY FROM Stop Build Day!
With only one week of our build season left, we are striving to complete our full robot. There were a



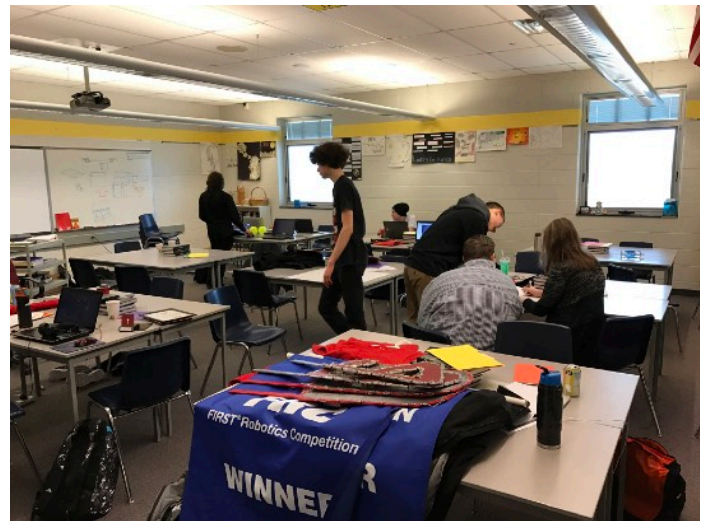
few road bumps this week that the design/build teams ran into, but are rapidly problem solving in order to bounce back as quick as possible. With only a little over a week left, we have a long way to go!

Pictured above, TriSonics team members and a few mentors looking over the design, there is a flaw and are brainstorming a new solution.

“This week we have been working on making the parts that the design team has released to us. We also redid the speeds on the gearboxes. Assembly drawings have been released to us from the design team. We have a group of students who were working on the gear mechanism, the intake, and the climber. We hope to have most of the pieces of the robot built by the end of the weekend.”



“This week, the programming team was shifting focus to finishing touches on vision code, and creating autonomous programs. We also got the chassis from the build team to start thinking about where to mount all the controls.”



“This week the design team completed the detail drawings for the climbing mechanism and the gear system. We also began to think of ideas for ways to feed balls back into the intake to be dumped into the low goal. After designing a shooter, we had to also think of ways to possibly feed balls into the shooter as well. All of these drawings were released for build. At the end of the week we began to draw up a battery holder and some control mounts.”



“This week on Chairman’s we submitted both our short and long essays online, and started brainstorming ideas for our video that needs to be around 3 minutes in length.”

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