

Final Report – BEST in Robotics

Power tools and other equipment

This year's grant money went to what might be thought of as very basic, but has been one of the biggest factors in continuing our Robotics success.

Safety – having the equipment we have means I have been able to spend extra time teaching students about safety. Yes, they will use these tools in class, but they will also someday have access to these same tools in their own home. Starting them off on the right (safe) foot, makes me feel like I am making more of a difference and gives them the confidence to tackle their own projects.

“Teaching moment” —
How can we use the saw
in a safer way?



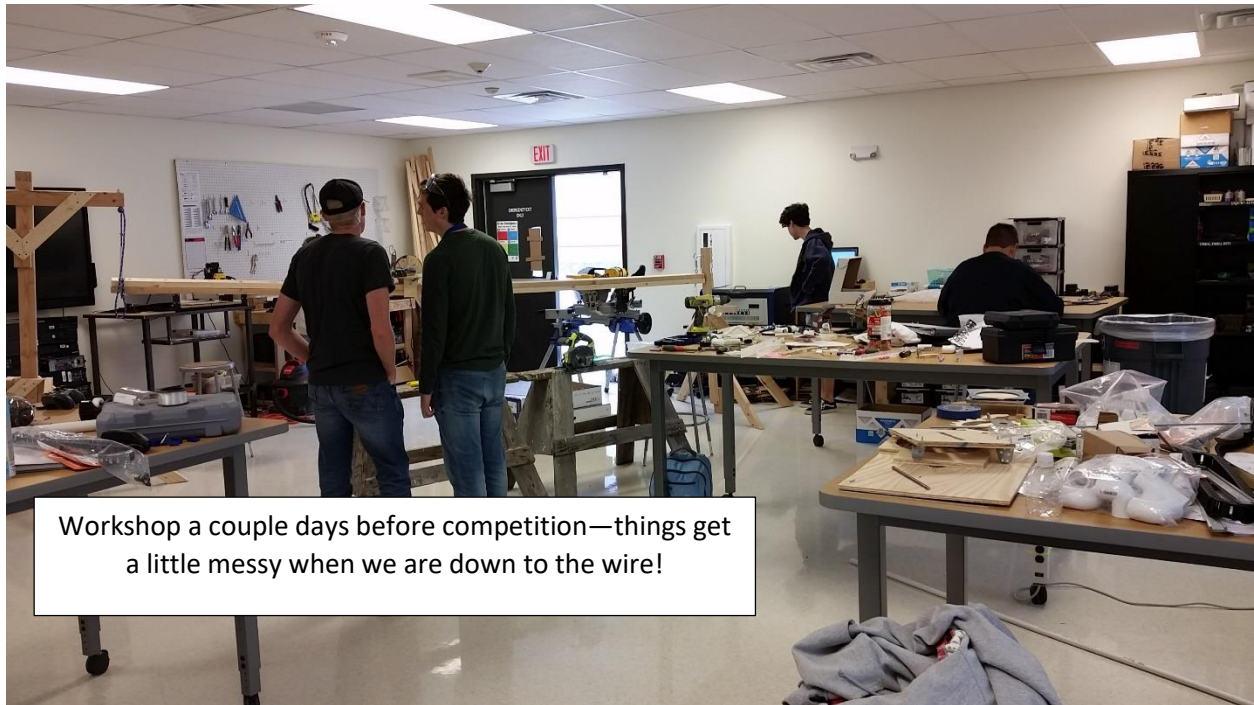
Success

During our BEST season, we qualified for state during the first round. Then, while at state our robot came in 5th out of 17 robots. However, our exhibit came in 3rd out of 72 teams. Because of the PVC cutter and saws-all, students were able to get creative with our exhibit and impress the judges. Even though we were a small school going into with less resources, the students found a way to make it work and ended with an amazing product.

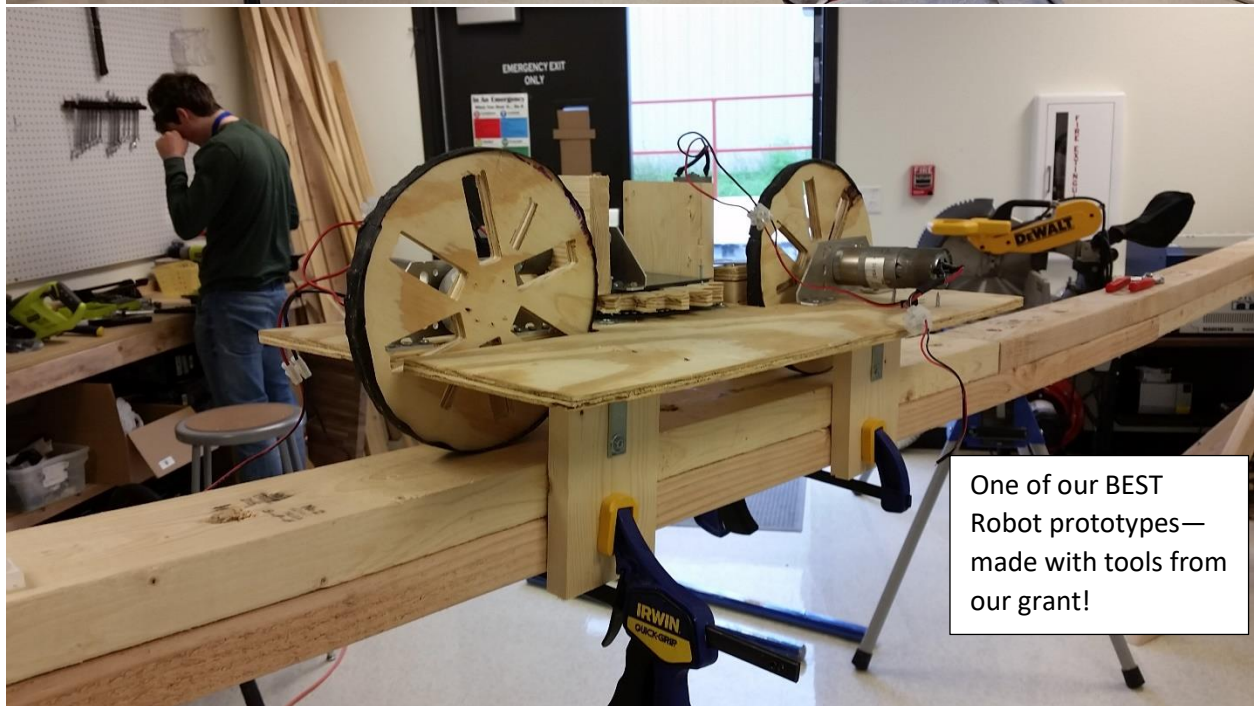
This year was our first year to compete in the UIL FIRST Robotics competition. So far, between the 2 competitions, we have been awarded the Rookie All Star Award and the Rookie Inspiration Award. These are the 2 highest awards we are able to receive as a rookie team. The things that the judges look for are how well rounded the team is and how involved the members are. We have students that were a part of the building process at all different parts of the competition from start to finish. The judges were impressed with our safety habits as well as *all* of our team being able to talk about the building process.



2018-2019 Robotics "Bling"



Workshop a couple days before competition—things get a little messy when we are down to the wire!



One of our BEST Robot prototypes—made with tools from our grant!

