

FEBRUARY 2019



TEAM 930 MUKWONAGO BEARS

WEEK 4/5 NEWSLETTER

ICE ICE BABY

During week four, Team 930 had three cancelled practices due to record low temperatures. This didn't deter our team from completing projects that needed to be finished. To ensure we stay on schedule, the cad team worked from home to finish designing parts so they could be sent to our manufacturer. The extra efforts made by cad allowed us to get back on track to finish our robot on time. The business team also worked from home to finalize their Chairman's award essay.



BUSINESS & STRATEGY



The business team completed and submitted the Chairman's and Woodie Flowers essays during the past two weeks. The whole team also had to participate in a safety test, to ensure everyone knows how to be safe at practices and at competitions. Strategy is busy finalizing all their scouting system, and watching preseason tournaments to analyze how the game is going to be played.

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ROBOT PROGRESSION

Team 930's electromechanical team manufactured many parts during weeks four and five in preparation for the construction of our first robot. The sheet metal parts we needed were sent out to our sponsor Matheson. The team built the first robot's drive train at the end of week four. We also worked on the elevator tubing and climbing mechanisms to get to the level three high ground. Prototypes for game piece manipulators were constructed by our mechanical team as well. The intake/placement mechanism for hatch panels was assembled. During week five, we had almost finished the assembly on the robot. Driver tryouts were also held and our driver, co-driver, and human player were chosen for competition.



PROGRAMMING



During the 4th and 5th weeks of build season, the programming team has finalized the vision tracking code. They've also been able to develop most of the driving code, and our robot has been driving around the shop since the middle of Week 5.

UPCOMING EVENTS:

SUSSEX MINI-REGIONAL: FEBRUARY 17 | 12-4PM | SUSSEX HAMILTON HIGH SCHOOL

ROBOTICS OPEN HOUSE: FEBRUARY 19 | 6-8PM | MUKWONAGO HIGH SCHOOL