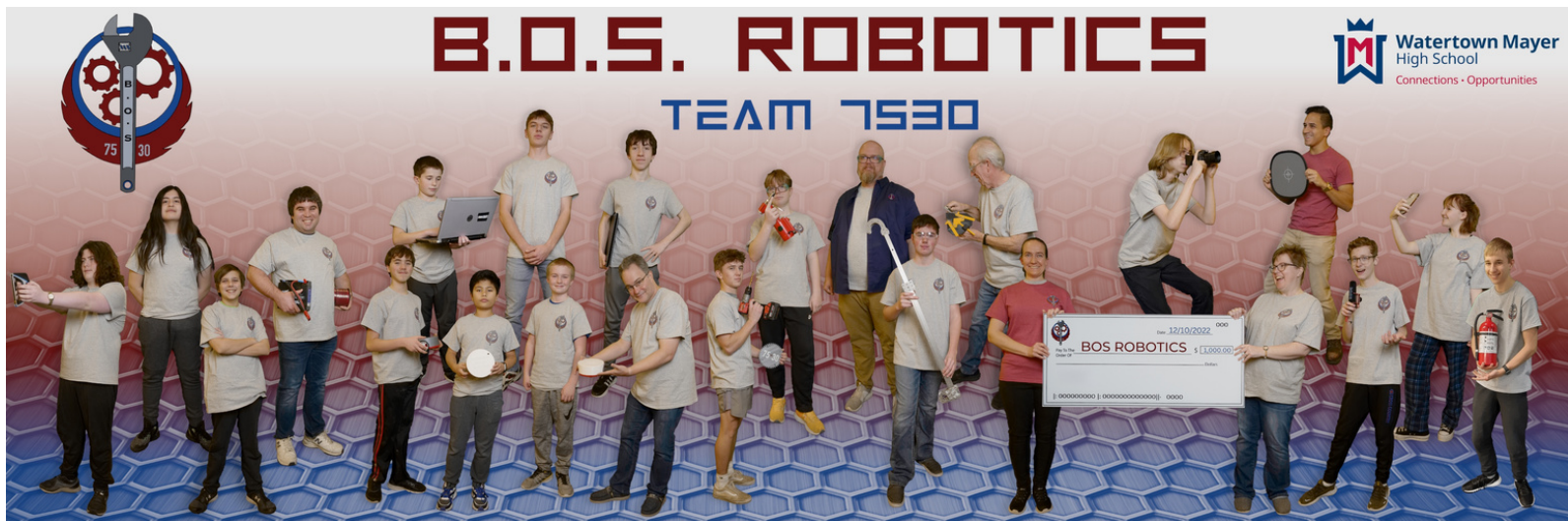


NEWSLETTER

SEASON 5, ISSUE 1



GAME CHALLENGE

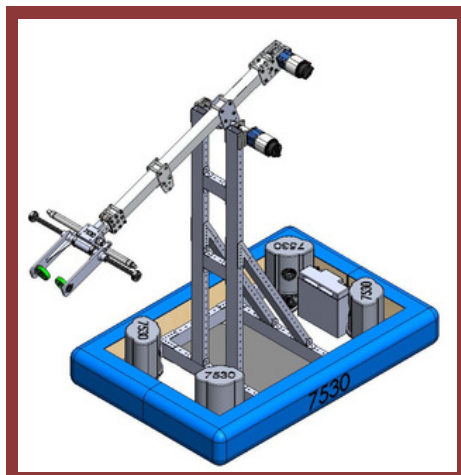
Kickoff on January 7th marked the start of the First Robotics competition season! Teams from around the world watched the big game reveal. This year's game is called "Charged Up". Alliances work together to score points in the game arena by picking up cubes and cones and placing them in their grid. To see the game in action, watch the following video.

<https://www.youtube.com/watch?v=0zpflsYc4PA>.



OUR ROBOT

Teams do not get any blueprints for how to build their robot. After the game was announced at Kickoff, our team immediately began to discuss strategy and went to work designing our robot to execute this challenge. We use CAD to design and build our robot. Most of the parts for our robot are made by our team in our robotics room at Watertown-Mayer High School. To the left is the current CAD model of our robot.



THANK YOU SPONSORS

2022-2023 SPONSORS

DIAMOND

Paul and Joan Nesvold

PLATINUM



Watertown Lions



Watertown Mayer High School



www.midwestmotion.com

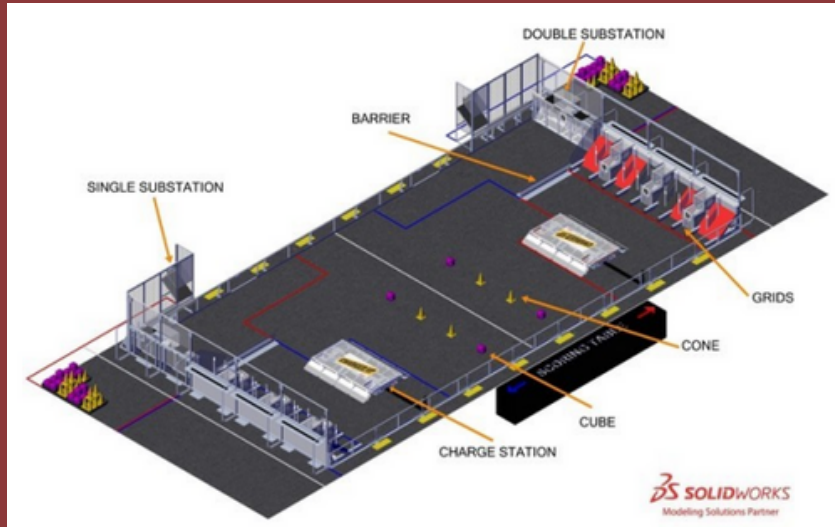


Luther brookdale Toyota

This week's issue showcases our Diamond and Platinum sponsors. This year's Diamond sponsor was also our founding sponsor and helped get our team started in 2018-2019. We are also grateful for all of our Platinum sponsors for each donating at least \$2,500 to our team. We will be showcasing more of our sponsors in our next issue.

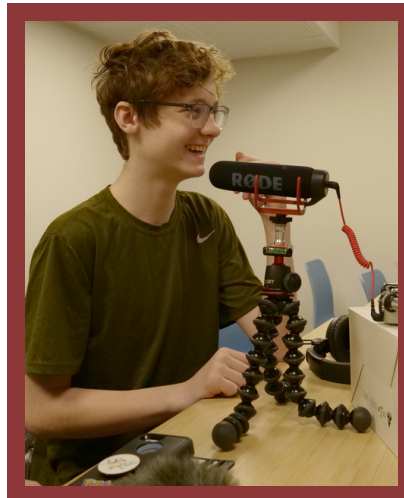
- Watertown Lions Club
 - <https://e-clubhouse.org/sites/watertownmn/index.php>
- Watertown-Mayer High School
 - <https://www.wm.k12.mn.us/>
- Midwest Motion Products
 - <https://midwestmotion.com/>
- Luther Brookdale Toyota
 - <https://www.lutherbrookdaletoyota.com/>

"CHARGED UP" FIELD AND KEY ELEMENTS



IT'S MORE THAN ROBOT BUILDING

First Robotics is more than just building robots. Did you know that we have a Marketing Team that takes pictures and videos and posts on our social media sites and on our website? And they even record podcasts. Check us out online to learn more about our amazing team.



BUILD SEASON WEEKS 1 & 2

The Mechanical Team has designed our robot. They also began to assemble the drive train and robot frame.

The Electrical Team has been developing the electrical board layout and putting connectors to the robot components.

The Programming Team has worked on programming and testing the new swerve drive.

The Marketing Team has been busy taking pictures, recording videos and podcasts for team promotion.



FIND US ONLINE

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