



Catholic Memorial
HIGH SCHOOL™



CYBERSADERS
EST. 2015 A.D. CMH ROBOTICS

The Catholic Memorial CyberSaders FRC Team 5976 was established in Fall of 2015 with no equipment to speak of, aside from an insatiable enthusiasm for learning and innovation. The team aspires to live out their mission and vision with gracious professionalism and cooperation at the foreground of the team. Although it is a rookie team, they had high hopes to achieve greatness in their endeavor to exceed their goals.

The FIRST Robotics Competition gives student teams six weeks to build and program robots to perform challenging tasks against a field of competitors. They must also raise funds, design a team "brand," hone teamwork skills, and perform community outreach.

Learn more about the CMH CyberSaders
<http://cybersaders5976.weebly.com/>

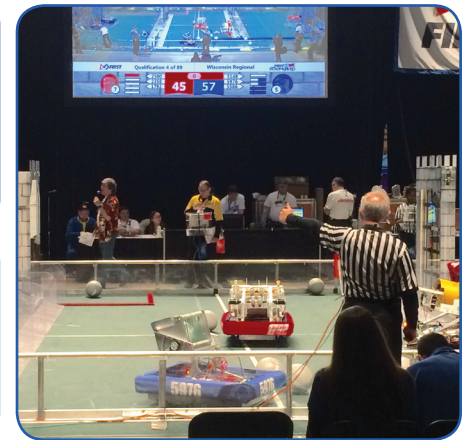


Learn more about the FIRST Robotics Championship
<http://www.firstchampionship.org/>

**2016 Rookie
All-Star Team
Wisconsin
Region**

2015-2016 CyberSader Roster

- | | |
|-----------------|------------------------|
| Kelly Aspinwall | Brenna Lewandowski |
| Mo Burke | Brian Massaro |
| Brady Cassada | Max Mutza |
| Anna Chen | Nick Scharer |
| Matt Denardis | Erik Spitz |
| Tony Ellingen | Hayes Wass |
| Theo Hornung | Matt Wilson |
| Lance Judan | John Burke - Coach |
| Cole Knuese | Curtis Beck - Mentor |
| Ryan Knuese | Shannon Burke - Mentor |
| Ally Kormanik | Derek Knuese - Mentor |



THANK YOU TO THE CYBERSADERS' CURRENT SPONSORS:



**MIKE & LYNN
GIFFHORN**



Interested in supporting the CyberSaders? Please contact Jessica Mulligan, CMH Development Director, at jmulligan@catholicmemorial.net or 262-542-7103 for more information about sponsorship opportunities.



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Throughout this first season on the CyberSaders, I have learned so much. I started the build season with no knowledge of how robots worked, and now with the help from teammates and mentors, I can assemble, calibrate speed controls on our motors, and so much more. The competition week was more exciting than I ever could have imagined. I was amazed by the diversity of robots in the competition. Our team worked so hard and earned the Rookie All-Star Award, the highest award for any rookie team, earning our team a spot at the world championship. This would not have been possible without the invaluable support of our generous mentors and donors. I want to say thank you so much for helping support our team and enhancing our experience and enthusiasm for robotics and STEM fields, we can't wait to represent our school at the championships this April!

Maureen Burke '16

Being a member of the CyberSaders is an experience that has really taught me the value of teamwork and relying on one another. I can't believe how amazing this first season has been designing and building our robot. We are all so excited for the opportunity to compete with other teams from around the world. This is truly a once in a lifetime type of opportunity and we are all so thankful for the support!

Hayes Wass '16

Inspired by Dr. Bob Hall's promotion of the CMH-trademarked Propel process, which is a design-thinking model for innovation, a group of dedicated CMH student-engineers joined forces with mentors in the areas of computer programming, design, manufacturing, business planning, and electrical engineering to build a robot to compete in the Wisconsin FIRST Robotics Regional. Our goal was to win the Rookie All-Star Award, which earns the team a trip to the FIRST Championships, an international competition where the best student-built robots in the world compete. The team began planning in August, and bonded beautifully throughout the six-week build season that began in January. We built a robot that the kids named Raskolnikov, and our team motto was "We'll start from humble beginnings and achieve great things." Our team achieved our goal, and I couldn't be more proud of the student-engineers, mentors, and all the CyberSaders supporters and donors.

John Burke, CMH faculty & CyberSaders coach

