

The Robette Roundup

February 2022
Weeks 4-5 of Build Season



Our mission is to inspire girls of all ages to incorporate STEM into their lives and to revolutionize the perception of women in STEM.

Upcoming Events

Open House

Come tour our work space to see our newly built robot on Sat. Feb. 26
12pm - 3pm.

Northern Lights Regional

March 3-5, watch us compete for the first time this season in Duluth! Live stream will be available on Twitch.

North Star Regional

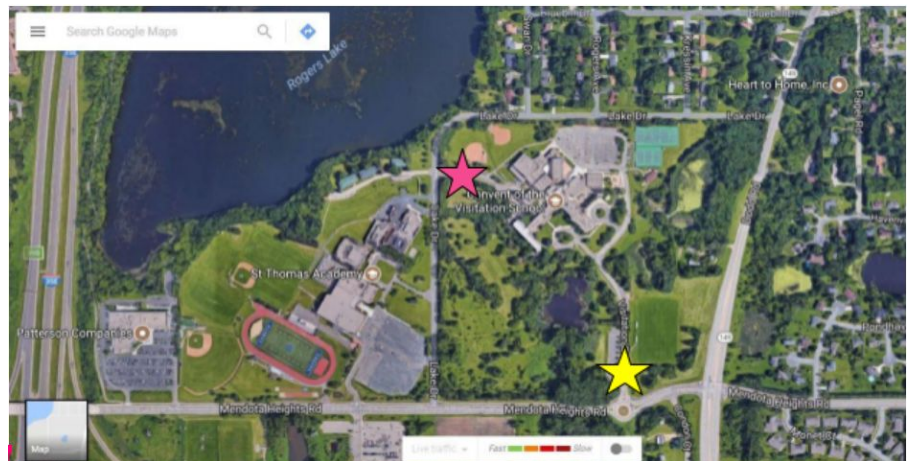
April 7-9, join us in-person as we compete at 3M Arena at Mariucci in Minneapolis.

You're Invited
to our
Open House!

When: Saturday, February 26th
12pm - 3pm

Where: Opus Hall at Visitation

Come see our work space and our finished robot!



Park in the back by the softball fields (pink star) to access Opus Hall

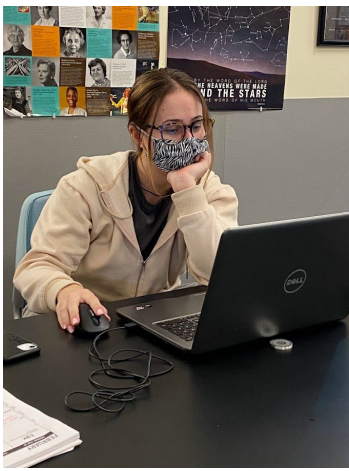
[Click here for more detailed directions](#)



Team Website: www.therobettes.com

Team Email: 2177@therobettes.com

Team Twitter: [@therobettes](https://twitter.com/therobettes)



Student Spotlight: Bella F. '23

Hi! I'm Bella. I just transferred to Visitation this year and joined The Robettes in the fall. I'm a part of the programming subteam. Along with robotics, I am the hockey team manager, a youth group leader for my church, and play golf. I also work in Vis' childcare and nanny 3 children. I love the team and hope to use the skills I learn in college or a future job! ~ Bella

Build Season Progress

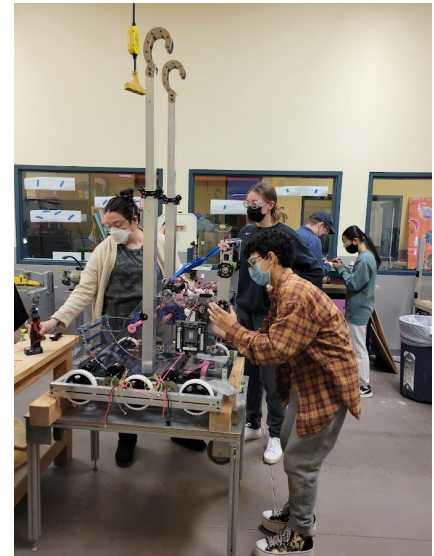
Our four sub-teams are hard at work building the robot and prepping for competition! Let's hear what they're working on currently, ...

Mechanical subteam: we finished building the robot, complete with bumpers, climber hooks, intake, and shooter. We're now working on fitting the sponsorship panels on the robot and we've also made detachable straps to make pick up the 95lb robot easier.

Programming subteam: we programmed the robot's driving, which includes controlling the motor speed and ensuring they turn in the correct direction. We created the autonomous code for the robot to drive forward and shoot. Recently, we have been adding new commands, linking them to controller buttons, and testing that they work correctly. We are excited to start working with the finished robot!

Electrical subteam: we got the robot from mechanical and were able to finish wiring up the robot's control system! This was our first year of using CAD to lay out the electrical board on the robot. We've already started planning things improvements for next year!

Business subteam: we are busy sourcing corporate sponsorships and developing marketing materials. We are getting everything ready for open house – we hope to see you there!



A Special Thanks to our Sponsors:

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Visitation School



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