

The Robette Roundup

January 2020
Weeks 1 & 2 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. 22 from 10:00 am- 2:00 pm.

Lake Superior Regional

March 5-7, watch us compete for the first time this season in Duluth! Live stream will be available on Twitch.

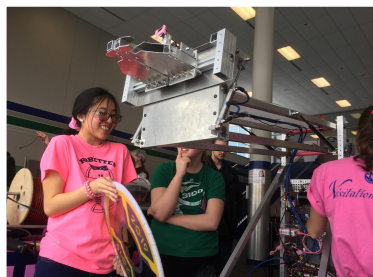
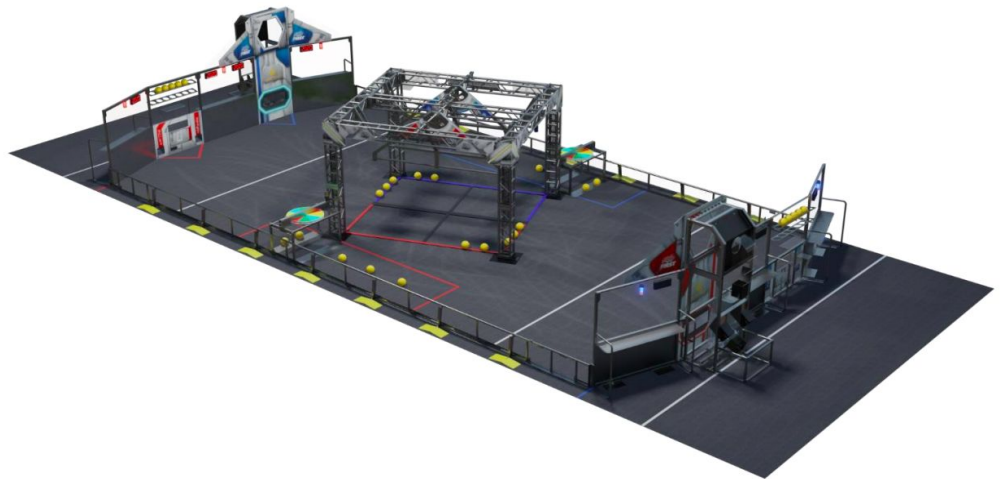
North Star Regional

March 26-28, join us in-person as we compete at 3M Arena at Mariucci in Minneapolis.

2020's Game: INFINITE RECHARGE

"In INFINITE RECHARGESM, two alliances work to protect *FIRST* City from approaching asteroids caused by a distant space skirmish. Each Alliance, along with their trusty droids, race to collect and score Power Cells in order to energize their Shield Generator for maximum protection. To activate stages of the Shield Generator, droids manipulate their Control Panels after scoring a specific number of Power Cells. Near the end of the match, droids race to their Rendezvous Point to get their Shield Generator operational in order to protect the city!"

To learn more about how the game work check out the [2020 FIRST Robotics Competition INFINITE RECHARGE Game Animation](#). Or visit FIRST's website <https://www.firstinspires.org/robotics/frc>.



Team Website: www.therobettes.com

Team Email: 2177@therobettes.com

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

2019 TWIST EPIC Award

TWIST EPIC Awards & Mentorship Program encourages girls to celebrate their achievements in STEM. The EPIC Award celebrates female students who demonstrate the following characteristics:

- **Engaged:** Actively contributes to or influences a STEM community
- **Passionate:** Continually learns and shares knowledge with others
- **Innovative:** Invents, designs, builds, researches or improves using STEM concepts
- **Curious:** Eagerly seeks out new opportunities to learn and grow

Our Robettes winners were **Colibri**, **Addie**, and **Meg**. The recipients highlighted the lasting relationship with their TWIST mentors as the most impactful part of the experience. These Robettes exemplified the varying skills of tackling new challenges, being leaders, working diligently to inspire younger generations, and being invested members of the STEM community.



Robot Progress

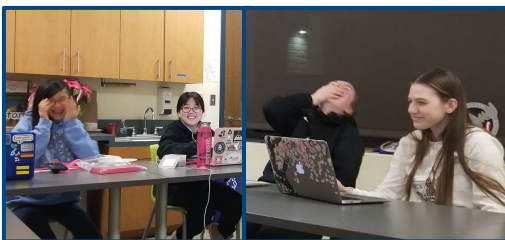
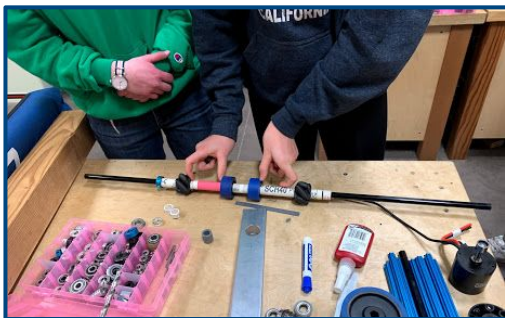
Our four subteams are making progress during the build season.

Currently, the **Mechanical** subteam is working on an intake design, specifically spacing.

The **Programming** subteam's main focus is the 15 second autonomous drive code.

The **Electrical** subteam is laying out the electrical components.

The **Business** subteam is busy making corporate fundraising plans and team imagery.



Student Spotlight:

Maggie '20

Maggie received the Donaldson STEM Award. This award highlights 4 minority representatives of the STEM community; Maggie was recognized as the Asian American winner. Donaldson Award winners display the qualities of character, leadership, interest in the STEM field, facing challenges head on, planning and setting goals, high academic achievement, and extracurricular involvement. Maggie is a valued member of our team, serving as Strategy Lead and Scouting Lead, while working as a programmer.

Maggie will be honored on February 8 at the Science Fusion: Asian Americans in Science at the Science Museum of Minnesota.

A Special Thanks to our Sponsors:



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