

Dean's List Nominees

Congratulations to Ben Ours and Ben Young for being our nominees for the Dean's List Award. This award goes out to 2 members of the team who are either sophomores or juniors. To win the award you must:

- Demonstrate leadership and commitment to FIRST
- Contribute greatly to the team overall
- Display technical expertise and passion
- Exhibit entrepreneurial and creative skills
- Be able to lead as well motivate other team members

Upcoming Events

- Feb 15 FLL Jr Expo
 - Pewaukee Lake Elementary
- Feb 16 Sussex Mini Regional.
 - Sussex Hamilton High School
- March 4-8 Duluth Northern Lights
 - DECC Arena
- March 18-21 Milwaukee Regional
 - Panther Arena

Sponsor of the Week:

TRACE3



Subteam Updates

Build

Ball Intake-

- ▶ All pieces have been plasma cut or CNC milled
- ▶ Most of the intake is assembled, finalizing some minor details
- ▶ About to be handed over to the electrical team for wiring

Ball Storage-

- ▶ The ball storage mechanism is fully built, in metal
- ▶ Motors will be mounted and wired up starting later this week
- ▶ Has been attached to the turret/ shooter mechanism

Ball Shooter/ Turret-

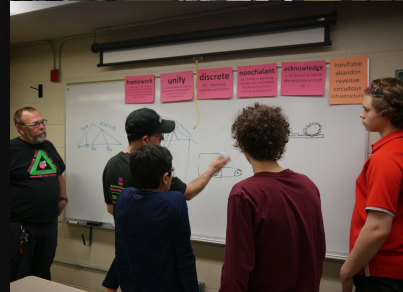
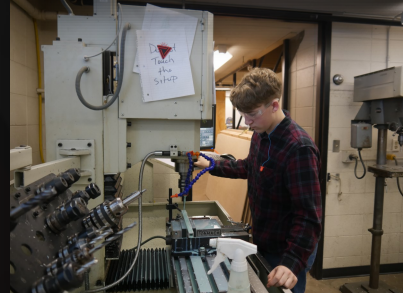
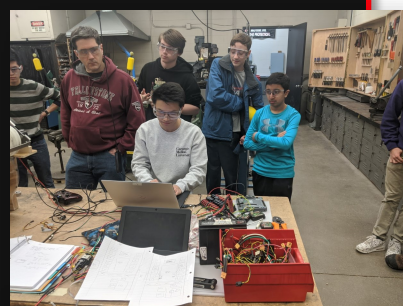
- ▶ Turret mechanism has been designed and built, in metal
- ▶ Both turret and ball shooter has been integrated together
- ▶ Both mechanisms have been wired up and are ready for the code team to test

Color wheel-

- ▶ The color wheel mechanism has been revised to be more compact
- ▶ Color wheel mounting plate has been built and attached to the color wheel mechanism
- ▶ Color wheel deploy mechanism is currently being built

Climber-

- ▶ Multiple climb mechanism ideas are in the metal mockup stage
- ▶ Sub-teams are working on improving deployment reliably and decreasing deploy times
- ▶ These teams are working with the electrical team to wire up their prototypes for further testing





Subteam Updates

Programming

The Programming Team continued preparing for the final robot by:

- ▶ Creating many different autonomous programs for competition
- ▶ Experimenting with the Limelight Vision Camera
- ▶ Testing and tuning the control of the shooter and turret
- ▶ Programming logic for picking up and efficiently storing balls
- ▶ Creating framework for the robot code



Business

Our Business team has been working to decide our nominee for the Woodie Flowers Award. This award is dedicated to the late Dr. Woodie Flowers and is awarded to a mentor who

- ▶ Has greatly motivated their students
- ▶ Taught them to be clear and succinct in their communications

Based on that, they have decided to nominate Dale Noll!

