

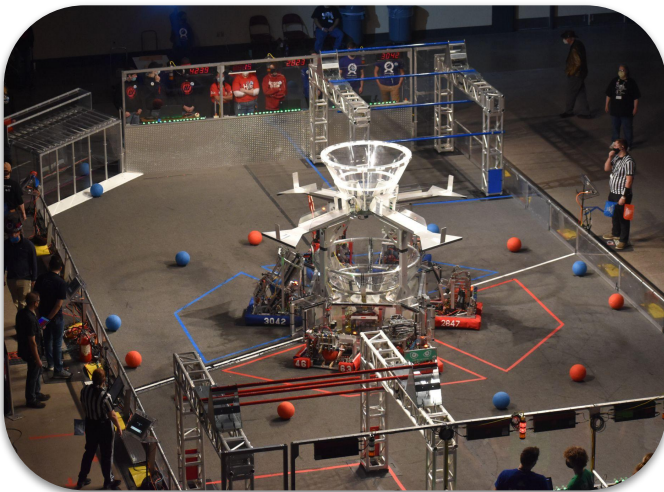
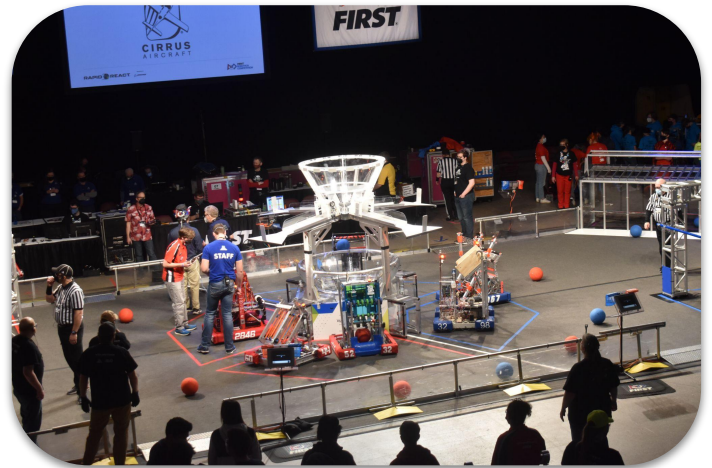
FRC 3100

LIGHTNING TURTLES



Headline

**Robot, Competition,
and Results!**



Schedule

**Preparing for our next
regional!**

What's Inside?

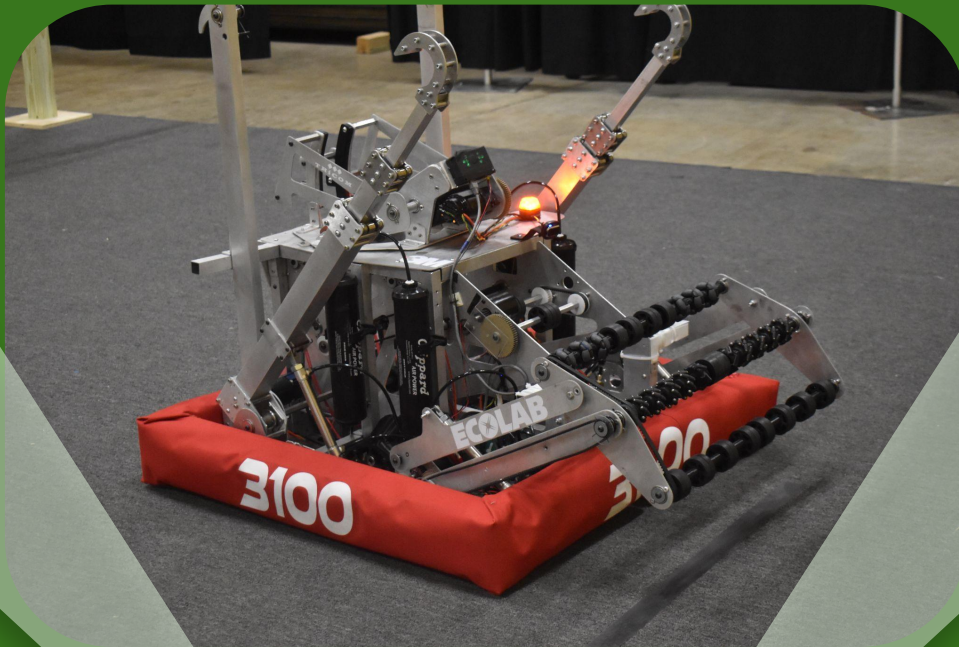
- Robot Reveal
- Northern Lights Regional
- Preparation for Twin Cities

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LIGHTNING TURTLES



DIAMONDBACK



The 3100 Lightning Turtles proudly present our robot for the 2021-2022 season, Diamondback! Our designers, builders, and programmers have put their sweat (Thankfully no blood or tears though!) into our robot this year. It is capable of collecting game pieces from the ground, shooting those game pieces, as well as climbing to the highest available spot to climb!

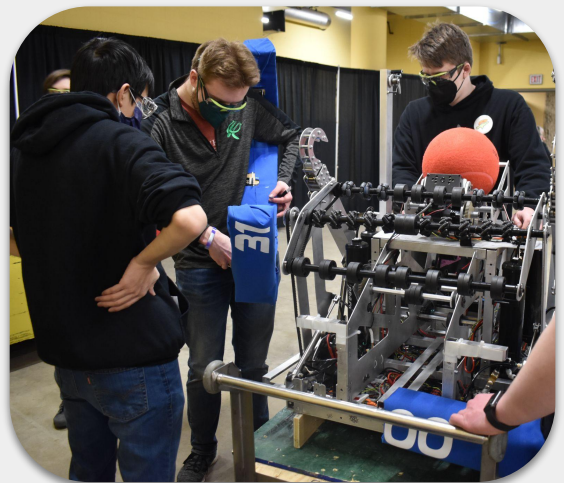
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Northern Lights Regional

In the northern lights Duluth tournament that happened last week, we placed 24th out of 53 teams in qualifications! Our robot worked well, the climber worked wonderfully but the collector struggled. To get another perspective, we asked Jacky L, one of the veterans, a question. "How do you think Duluth went overall?" "I think for us as a team it went fine. I wish more people could have gone into the pits but that didn't work out.. Scouting went well and Bryce did a great job figuring that out."



Preparation for Twin Cities

To prepare for the twin cities tournament at the Mariucci Arena in April we need to improve our design for the collector and fine tune programming for the shooter. As stated by Jacky in a later interview, "There are 2 biggest weaknesses, one being the collector, it didn't collect well enough to funnel balls into the shooter. The second weakness is the shooter and its accuracy, balls either bounced out when they landed or missed completely." We hope to see you there!

