



EagleForce Robotics

FRC Team 2073



Pleasant Grove High School

9531 Bond Road
Elk Grove, CA 95624

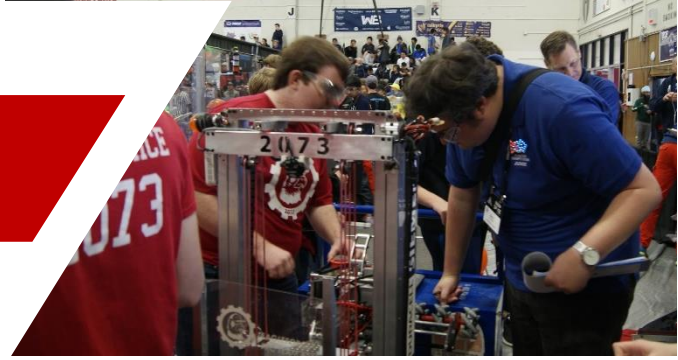
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About Us

EagleForce Robotics is a non-profit that serves K-12 youth within the region of Sacramento County. Based in Elk Grove, CA, we promote and provide STEAM (Science, Technology, Engineering, Art, and Mathematics) education opportunities by engaging youth in exciting hands-on programs that build technical and business skills, inspire innovation, and foster well-rounded academic, professional, and personal capabilities.



Competitive Robotics

Our students compete in the FIRST Robotics Competition (FRC), a program managed by FIRST, an international organization that inspires science, technology, and innovation in young people.



Our technical students:

- Design a robot using CAD (Computer-Aided Design)
- Build the robot with industrial machinery
- Program autonomous and user-controlled functions for the robot to play against other teams regionally and nationally

In parallel, our business students:

- Raise funds for the team by applying for grants and contacting sponsors
- Manage our "team brand" through media and marketing
- Facilitate outreach activities to inspire STEAM in our youth

Community Outreach

With the technical and business skills that our students gain from FRC, we also create opportunities for youth in our Elk Grove and Sacramento communities to learn about and benefit from STEAM.

To maximize our impact, we partner with other teams and organizations on outreach efforts, including:

- Capital City Classic, an annual off-season competition we co-host with FRC Team 3859 Wolfpack Robotics (Elk Grove, CA) and Team 1678 Citrus Circuits (Davis, CA)
- Activities and robot demos at Girl Scouts STEM Centers and local elementary schools and events
- EagleCourse Robotics Summer Camps and Winter Workshops, where we teach robotics to 4-8th grade kids using VEX IQ robots



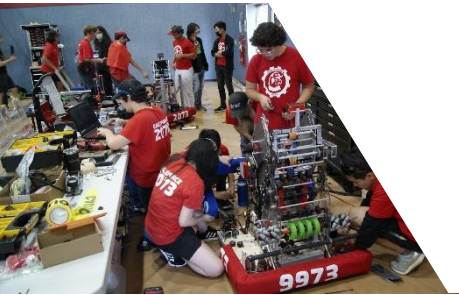


2021-2022 in Review

With school being back to in-person, our team was able to have the first full season since 2019. The team competed in two regionals this year, the Arizona Valley Regional and the Central Valley Regional. At Arizona, the team won the Engineering Inspiration Award that celebrates outstanding success in advancing respect and appreciation for engineering with a team's school or organization and community which granted them a ticket to the Houston World Championships. In Fresno (Central Valley), we won the Creativity Award which celebrates creativity that enhances strategy of play.

Offseason 2022 Activities

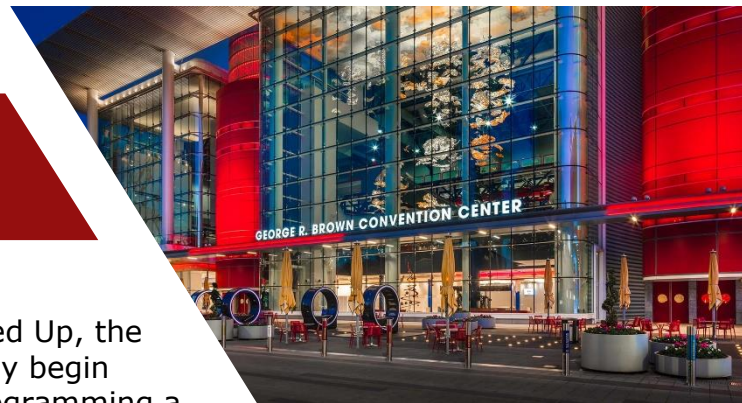
Over the summer, our team built a second robot. Working on improving our previous design, one of the biggest changes we incorporated was a swerve drive train for better mobility and performance.



The Capital City Classic off-season event that Team 2073 co-sponsors was able to be hosted by our school, Pleasant Grove High School, this year. We were also able to participate at the Madtown Throwdown off-season event in November.

Preview of 2023

On January 7th our team will learn more about Charged Up, the FRC competition game for 2023, and then immediately begin strategizing, designing, prototyping, building, and programming a competition robot and a practice robot.



We will be competing at the following regional events this season:

- Arizona East Regional, *March 15-18, 2023 (Scottsdale, AZ)*
- Aerospace Valley Regional, *March 29-April 1, 2023 (Lancaster, CA)*
- FIRST World Championships, *April 19-22, 2023 (Houston, TX)*



Sponsorship

Benefits

Finch (\$1 - \$499)

- Logo on website
- Logo on team shirt
- Logo on team flyers, brochures, etc.

Cardinal (\$500 - \$999)

- Logo on website
- Small logo on team robot
- Logo on team shirt
- Logo on team flyers, brochures, etc.

Blue Jay (\$1,000 - \$2,499)

- Logo on website
- Logo on team banner
- Small logo on team robot
- Logo on team shirt
- Logo on team flyers, brochures, etc.

Hawk (\$2,500 - \$4,999)

- Logo on website
- Presentation of team robot
- Logo on team banner
- Medium logo on team robot
- Logo on team shirt
- Logo on team flyers, brochures, etc.

Falcon (\$5,000 - \$9,999)

- Logo on website
- Presentation of team robot
- Logo on team banner
- Large logo on team robot
- Logo on team shirt
- Logo on team flyers, brochures, etc.

Eagle (\$10,000+)