

REEFSCAPESM

PRESENTED BY **HAAS**
Gene Haas Foundation

2024-2025 Season Sponsors



FIRST[®]

For Inspiration and Recognition
of Science and Technology

Each January brings a new challenge for FIRST[®] Robotics Competition teams. Starting with a Kit of Parts, they design, program, and build industrial-sized robots to play an action-packed game on a themed field as part of a three-team alliance. Guided by mentors and sponsors, students learn engineering and problem-solving skills as they compete for awards, create a team identity, raise funds, hone teamwork skills, and advance appreciation for STEM in their community.

Scan the QR code to visit our website and join or learn more about our team!



lccrobotics.org



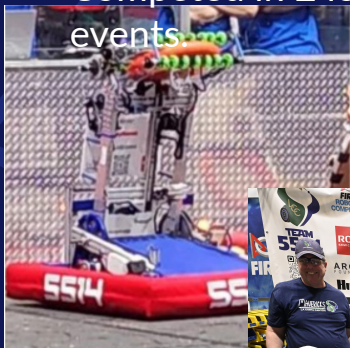
**MavBots
Team 5514**

La Costa Canyon High School Robotics



Team History

- Founded in 2014
- 2015 Season
 - Won the FRC Rookie Inspiration Award at San Diego Regional event
- 2021 Season
 - At Home Challenge event due to pandemic.
- 2022, 2023 Seasons
 - No team
- 2024 Season
 - Restarted with small team and some old and new corporate sponsors.
 - Placed 31 out of 51 teams at San Diego Regional event.
 - Competed in 2 local off-season events



Roles and Activities

Robot Side

- Design
 - Prototyping
 - 3D Printing
 - Computer Aided Design
- Mechanical
 - Manufacturing
 - Assembly
- Electrical
- Programming
 - Autonomous and Teleoperated Routines
- Drive Team

Logistic Side

- Business
 - Grant Writing
 - Sponsor Relations
 - Finances
- Marketing
 - Gear and Merch
 - Social Media
- Outreach
 - Community Events
 - Volunteering
- Game Strategy



Season Timeline

- 2024 - September-October: Team and competition registration
- 2025 - January 4th: Game details are announced (IT'S GO TIME!)
- 2025 - January-February: Build Season, Room 720 & 904.
- 2025 - Late February-Early April: 6 Weeks of Worldwide Competition
 - Week 2, compete in Ventura Regional Event @ Port of Hueneme
 - Week 4, compete in San Diego Regional Event @ UCSD
- 2025 - Apr 16-19: World Championships in Houston. (If we qualify)