

# CRESCENDO<sup>SM</sup>

PRESENTED BY **HINAS**  
Worldwide Robotics

## 2023-2024 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](http://lccrobotics.org)



## 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



# 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 904.
- 2025 - Late February-Early April: Competition Weeks
  - Week 4, compete in San Diego Regional Event @ UCSD
  - Considering a 2nd Event this season, outside of SD County.
- 2025 - Apr 16-19: World Championships in Houston. (If we qualify)