

THE PORTOTYPES

FRG 10029



Team Member Handbook



REBUILT™

PRESENTED BY **HAAS**
Gene Haas Foundation

Team 10029 – The Portotypes

Student Led; Mentor Guided

2025–26 Season

Welcome & Mission

Welcome to Team 10029 – The Portotypes! We are excited to have you join our FIRST Robotics Competition team. Our mission is to inspire students to pursue STEM careers and develop leadership, teamwork, and problem-solving skills. As a student-led, mentor-guided team, we value creativity, responsibility, and Gracious Professionalism.

Team Structure

Our team is organized into several sub-teams, each with unique responsibilities:

- Mechanical: Designs and builds the robot's structure and mechanisms
- Controls: Handles wiring, electronics, and programming
- CAD: Creates 3D models and design documentation
- Safety: Ensures all team activities follow safety protocols
- BAMB (Business, Awards, Marketing, Media): Manages outreach, branding, and sponsor engagement

Mentors provide guidance and expertise but **do not do the work** for students.

Expectations

- Attend meetings, competitions, and outreach events consistently
- Communicate with your sub-team leads and the team as a whole
- Show respect to teammates, mentors, volunteers, and competitors
- Practice Gracious Professionalism and represent the team positively
- Follow deadlines and take responsibility for assigned tasks

Travel Requirements

- Passing all classes
- Meet a minimum score on the Safety Test
- Meet a minimum score on the Game Test
- Productively attend 60% of all scheduled build hours
- Meet the fundraising requirement

Safety

- Always wear appropriate Personal Protective Equipment (PPE) in the workshop and pit; this includes safety glasses, ear plugs, gloves, etc.
- Follow tool training and safety guidelines before operating equipment
- Keep work areas organized and free of hazards
- In competition pits, only authorized team members should enter
- Report unsafe behavior immediately to mentors or safety captains

Training & Participation

New members will receive onboarding training, including safety, tool use, and team expectations. All members are encouraged to cross-train between sub-teams to gain a well-rounded experience. Participation in outreach and fundraising is expected in addition to technical work.

Student Leads

After the initial call out/informational meeting, students will be allowed to apply for student lead positions. The positions include Team Lead, Mechanical Lead, Controls Lead, CAD Lead, Safety Captain, and BAMB Lead. While experience is preferred, it is not necessary to hold a lead position. Each candidate will be required to complete an application and then present a 30-60 pitch to the team. Voting will then take place, and the lead will be elected. If a lead fails to adequately attend build sessions, then the mentor team reserves the right to replace that lead. As the saying goes “Decisions are made by those who show up.”

Competitions

- Competitions include district events, state finals (if qualified), and world championships (if qualified)
- Travel and lodging information will be provided in advance
- Team gear and uniforms must be worn at events
- All students should contribute to scouting, spirit, or pit crew duties
- Show support for all teams and embody the values of FIRST
- Display appropriate behavior on the bus, at the events, at restaurants, and at the hotel.

Fundraising & Outreach

Fundraising is essential for our team’s success. All members are expected to participate in fundraising events. We also engage in community outreach to inspire younger students and share our passion for STEM. Sponsors are critical partners, and all team members play a role in thanking and recognizing them.

The initial fundraiser will be the Double Good popcorn sales.

Code of Conduct

- Treat everyone with respect and kindness
- Harassment, bullying, or unsafe behavior will not be tolerated
- Maintain professionalism online and in-person
- Be accountable for your actions and uphold the team's reputation
- Violations of this code may result in removal from the team



Please take a moment to fill out this survey if you are interested in being part of Team 10029:

<https://tinyurl.com/3skp44e2>