



# Support S.T.E.M. Education Donate to Brewer Robotics Team 4564 Orange Chaos



## Established 2013



Orange Chaos is a team of high school students and mentors in the Brewer-Bangor region. The team participates annually in a four-month robotics challenge created by FIRST (For Inspiration and Recognition of Science and Technology). FIRST is a non-profit organization dedicated to making S.T.E.M. (Science, Technology, Engineering and Math) education and careers as cool as sports. Students learn hands-on S.T.E.M. by designing, programming, and building a robot to compete in a global competition. Learn more at [www.firstinspires.org/FRC](http://www.firstinspires.org/FRC)

## What We Do

**Build Season: January – February** Build season begins with the Global Kickoff of the new challenge and a Kit of Parts from FIRST. In the span of six weeks the team will brainstorm, design, 3D CAD, prototype, program, build, 3D print parts, and test a robot to complete the global challenge from FIRST. Each year is a new challenge! Thanks to the generosity of sponsors and suppliers, Build Season ends not with a test, but with a robot ready to compete in the challenge.

**Competition Season: March – April** The team and their robot compete in two head-to-head competitions against teams from across New England to earn point to qualify for the NE District Championship. The team can earn the opportunity to go on and compete against the top 400 teams from around the world at one of two FIRST Championships. The team has qualified in each of the past five years!

**Off-Season: May- December** The team meets twice weekly to develop new skills and gain experience while training new members and working on special projects.

The team also:

- Competes in multiple “Off Season” events.
- Participates in parades and displays.
- Volunteer at FIRST Lego League Qualifier and FLL Maine Regional Championship.
- Speak at Training Days to share knowledge with other teams.
- Mentor FIRST Lego League Teams.
- Conduct fundraising activities.
- Regularly performs robot demos, training, and info sessions to spread STEM awareness.
- Summer builds and special projects to train new students.



### Building Maine's Future Workforce

Orange Chaos inspires our region's children to become involved in technology while preparing their minds to work and thrive in the increasingly technological world and global economy. Skills being developed include:

- Problem Solving
- Teamwork
- Cooperation
- Persistence
- Social Interaction
- Technical and Analytical Thinking
- Troubleshooting
- Public Speaking

### For your Business

Your company name will be highlighted on the team's web page, and Facebook page. Depending on level it will also be seen at 2-3 season events in Maine and New England, 3-4 off-season events, plus all STEM outreach events.

**Aluminum \$100:** Business name and logo on Facebook and website with a link to your business.

**Bronze \$250:** All benefits + your business name and logo displayed on the 2023 competition robot.

**Silver \$500:** All benefits + your business name displayed on the team's 2023 competition T-shirt.

**Gold \$1000:** All benefits + your business name will be read as a major donor at all competitions.

**Platinum \$2500:** All benefits + your business name and logo on the team's trailer.

Donations of tools, materials, services, or technology are welcome and will be recognized by the team.

YES! I would like to support the Brewer FIRST Robotics Team at the following level:

**Level:** Aluminum (\$100) \_\_\_\_\_ Bronze (\$250) \_\_\_\_\_ Silver (\$500) \_\_\_\_\_ Gold (\$1000) \_\_\_\_\_

Platinum (\$2500) \_\_\_\_\_ Other (\$ \_\_\_\_\_)

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

Make checks payable to Brewer High School Robotics Program

Mail to: Brewer High School, % Tracy Goodrich, 79 Parkway South, Brewer ME 04412