



CRESCENDOSM

PRESENTED BY **HNAS**
Gene Haas Foundation

Business Plan 3044 2023-2024





Our Mission

On March 26th, 2020, Sarah Darmanjian published an article (NEWS 10) about our team. In it, she quoted an alumni who said “We believe that no matter who you are or where you come from, everyone should have a chance to create their own future and strive to be the best you can be”. This idea is our team’s “driving engine”. We make sure to accept anyone into our team, requiring no entry fee to the team. We fundraise for all of our FLL and FTC programs to allow them to focus on their season. We promote diversity on our team, having members with many different personalities and backgrounds, each with their own individual interests. OxBE4’s mentors are there to help and guide each of these individual interests taking care for each student beyond the team and their high-school career, helping them come out of their shell, build up life skills and leadership qualities.

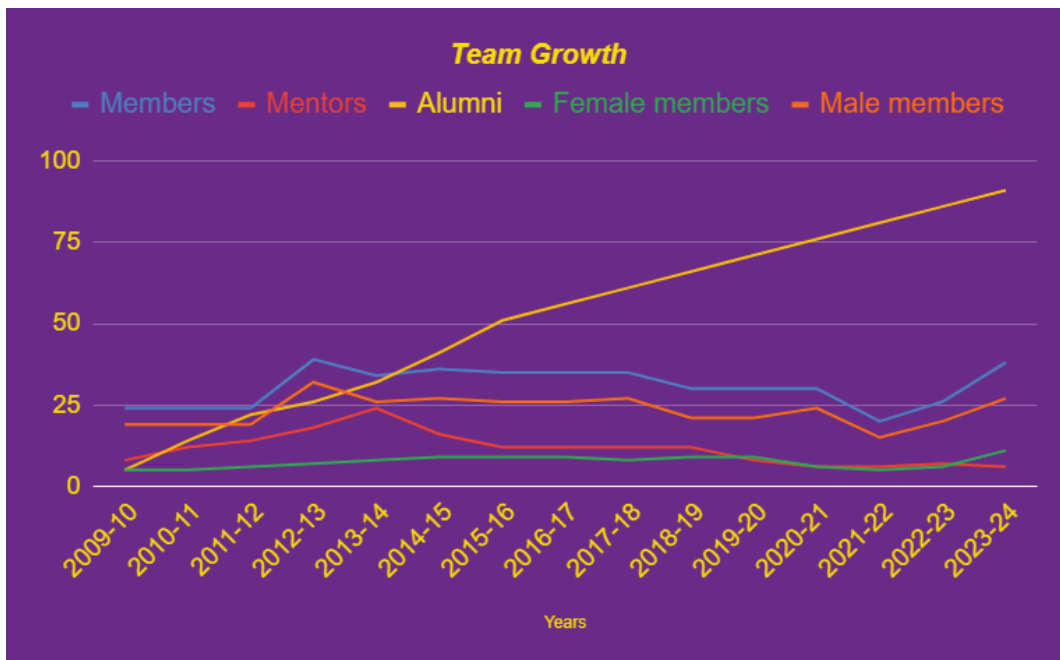
Organizational Structure

OxBE4 has brought back Co-Captains, Subteam Captains, and various other roles like Safety Captain, Treasurer, Secretary. The goal of our mentors is not to lead the team but guide the team to be able to have students lead each other. The Goal of the Co-Captains and the Subteam Captains is to lead the members to be able to complete tasks on their own. Each subteam captains is in charge of their own niche and thus they become familiar with decision-making and independence, as well as a further understanding of the necessary intercommunication that a team requires. There are also meeting minutes every day at the end of the meetings so each subteam can hear what the others have done. Members vote to elect Co-Captains, Subteam Captains, and many other roles. Our team Coach is able to assist with all of the subteams if needed. Each subteam also has at least one mentor that is skilled in that area to guide them throughout the season.



Team History and Growth

Team 3044 was founded in 2008 as the Robonators. Our first competition as a rookie team was in 2009. Our current team Coach, Mr. Ackroyd, started coaching Team 3044 in 2015. Our Current Co-Captain, Amanda Duffy, has been on the team all four years of her highschool career, and our other Current Co-Captain, Julia Cressman, has been on the team for 2 years. Last year, the team focused on the revival of our outreach efforts and our FIRST pipeline, as they were largely stopped after COVID due to the loss of mentors for the teams. This year, we have increased these efforts by taking to people in are community to join first, as well as re-organizing our team structure to be a more impactful team with an emphasis on deadlines. The past two years, our team's size has grown incredibly. This year, we have grown to 38 members in total, with 19 returning from the 2023 season. Our team currently has 11 female members not only have had 4 female Team captains, totalling to about 29% of the team. We have also have 6 mentors this year: Darrel Ackroyd, Bob Powell, Greg Mohr "Doc", David DePauw, John Yagielski, and Venkat Cherukupalli.



2023-2024

- Mentors-6
- Members-38
- Alumni-91
- Female Members-11
- Male Members-27



Marketing

0xBE4 has many ways to be seen through social media and community events. We make great use of social media by posting team updates regarding what the team is achieving on Facebook, Twitter, and Instagram for team sponsors and community members. We also run and manage our own website and have information posted on our school's website. 0xBE4 is also physically out in the community via various events, such as hosting Robot Rumble, an off-season competition for FRC teams, or participating in our district's "Street Fair" and "Touch-A-Truck" events, where we demo our robot from the previous year to show all grades, and much more. Additionally, most of our team's members have individually performed acts of community service while promoting our team, such as volunteering at the Elementary School's Summer Camp, to help kids learn about STEAM, or at the "Glow Party" at the elementary Schools, for kids to do fun activities, and many more such events. Our school also offers an FTC "Intro To Robotics" course that can be taken at the High School for half a credit, which motivates students to join the FRC team.

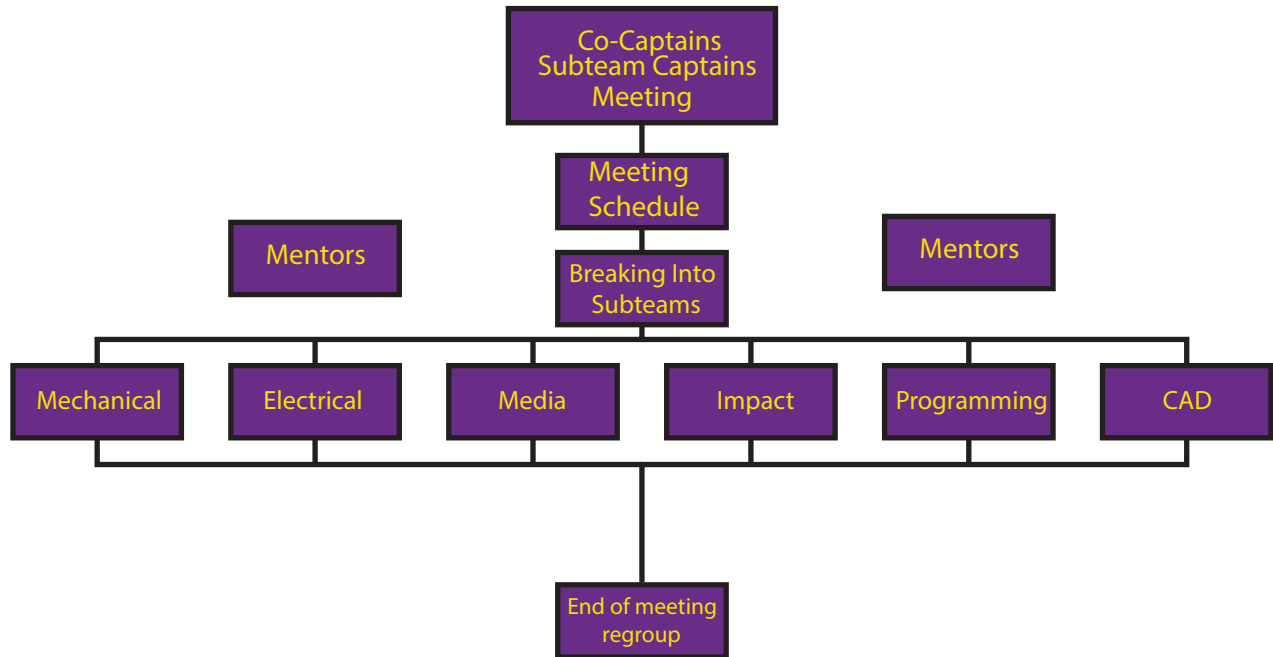
Financials

0xBE4 is regularly funded through our sponsors and team fundraising. Most of our income comes from our sponsors: Ballston Spa National Bank, GlobalFoundries, Ballston Spa High School, Knauf Insulation, Stewart's Holiday Shop, and Philips. We fundraise a necessary portion of it ourselves, by doing events like our Applebee's Breakfast, where we sell tickets to members of the community to come and have a pancake breakfast at Applebee's, as well as a "Mac & Cheese Night", where people can come and pay to try Mac & Cheese and pizza. We do this to continue to ensure that there are no costs for joining the team, maintaining an equal opportunity for everyone. We also make sure to let our sponsors know how much we appreciate their contributions with Thank-you cards and our sponsor board we include on our robot every year.

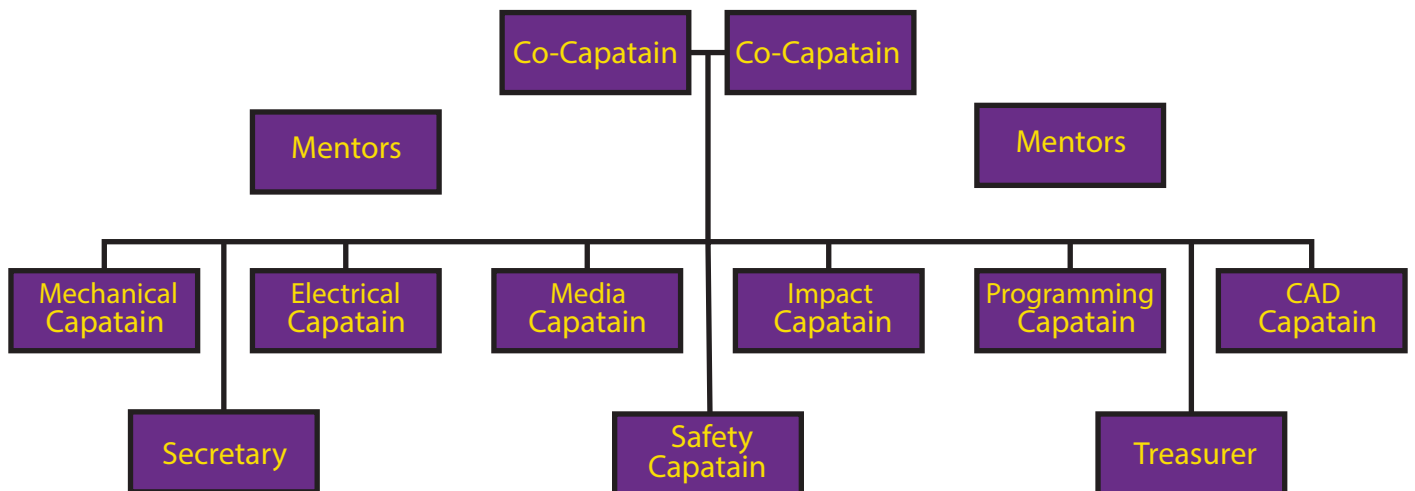


Organizational Structure

Meeting Structure



Leadership Structure





SWOT Analysis

	Strengths	Weaknesses
Internal	<ul style="list-style-type: none">● Dedicated mentors Mr. Ackroyd, Bob, Doc, David, John, and Venkat, and members that have trained rookies further this year than rookies from previous years..● Huge sense of unity through cheering, Saturday lunches, and Mandatory Fun Time. The upperclassmen of the team are incredibly open to the new members and they quickly develop a new sense of friendship with the various members of the team.	<ul style="list-style-type: none">● Lack of communication. Since we break into subteams, we can easily lose track of what others are doing in the subteam. This can mess with the flow of meeting, for example a subteam doing something and not telling an subteam that it could affect them.
External	<ul style="list-style-type: none">● Taking up volunteering opportunities throughout our community● Mentoring our 2 FTC teams<ul style="list-style-type: none">Team 12870 ScottieBotsTeam 6945 SystemOverload	<ul style="list-style-type: none">● Diminishing FLL due to the lack of coaches in the district, causing less member's and mentor's to join



Financials 2023-2024

Revenues	Date 2023-24	Income
Mac n' Cheese Night	5-5-23	\$15,915
Robot Rumble Concession Sales	11-15-23	\$1,611
Applebee's Breakfast Fundraiser	12-14-23	\$2,792
Sponsors	Jan-Dec	\$7,200
Grants	Jan-Dec	\$5,100
	May-Dec	\$32,618
Robot Parts	Date 2023-24	Expenses
Reimbursement Robotic Parts	Jan-March	\$6,705
Misc	Date 2023-24	Expenses
Yankee Trials Deposit	10-20-23	\$200
Pizza for Robot Rumble	11-17-23	\$614
FTC Pizza And Soda for Robotics Comp.	1-30-24	\$72
Yankee Trials Bussing	3-7-24	\$3,800
Holiday Inn (hotel)	3-7-24	\$5,811
	Oct-Jan	\$10,497

Sponsors



Ballston Spa
CENTRAL SCHOOL DISTRICT

