

2025 Outreach Binder

Boba Bots 253



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Introduction

As a FIRST team, it is part of our duty to spread FIRST's core mission: providing STEM education for all. Through our outreach events, we not only demonstrate the potential of high school students empowered by STEM, but also positively influence the community with our efforts.

Our outreach could be broken down into four categories of events:

1. **School Community:** Outreach events done at our school or local schools, targeting students, in order to attract new members, gain recognition from our fellow peers, or provide engineering opportunities for fellow teens.
2. **Local Community:** Outreach events done within our local community, to a varied community audience. These events are mostly done to help us gain recognition within our community, or to promote STEM education by hosting lessons or encouraging interest in robotics and engineering.
3. **FIRST Community:** Volunteering within the FIRST community in order to assist other FIRST teams.

School Community

Taylor Orientation

August 8, 2024

When Taylor had its 6th-grade orientation, the Boba Bots set up tables outside of Taylor Middle School. Our goal was to advertise Taylor Robotics to the incoming 6th graders. The Boba Bots had multiple members man the table, each of them handing out flyers that contained basic Taylor robotics information and a QR code that led to an interest form. In addition, we displayed the FLL challenge video to showcase the new game. We also handed out free candy to attract more attention. By the end of the orientation, all the flyers were passed out and many interest forms were filled out. The event ended up being successful because of the amount of interest we were able to create for Taylor Robotics.

Mills Freshmen Orientation

August 14, 2024

During the Mills Freshmen Orientation, all freshmen were given a tour around the school for the first time. The Boba Bots took this opportunity to spread awareness of our team. We opened the Makerspace to all freshmen, and had multiple leads give a short speech advertising our introductory rotationals day. This event allowed people with no previous knowledge of FRC or robotics to get the chance to see how an FRC team works and the passion and effort that goes into running one. Ultimately, several of the people who attended the orientation ended up becoming members, proving how effective this event was at bringing in new members.

School Community

Club Fair

September 12, 2024

Every year, Mills holds a club fair, giving various clubs a chance to advertise their purpose and activities to students. We make sure to put on a good show, busting out the banners, pins, stickers, and most importantly, our robot. The robot also served as a good icebreaker, as students normally too shy to ask questions suddenly came up to team members to ask about our robot's wiring and construction. We also passed out pins and stickers to students. Interested students not only got to see what their involvement in the club can lead to, but they got to connect with people who can one day be their teammates. The club fair is a major opportunity for the Boba Bots to recruit and connect with our school.

Back to School Night

September 12, 2024

The Boba Bots opened the Makerspace for parents and students to tour. Many people stopped by to look at the activities and bought merch. We also gave out pins and stickers. Members had a good time connecting with the school community, and parents and students who stopped by gained more awareness about the team.

School Community

8th Grade Night

October 30, 2024

To introduce incoming freshmen to the campus and school organizations, Mills High School holds an annual “8th Grade Night,” giving 8th graders from local middle schools a glimpse of student life at Mills. 8th graders and their families are first welcomed to the auditorium, where students advertise their respective sports and clubs. Service commissioners toured parents and incoming students around the campus. As the largest club at Mills, our Makerspace was opened for parents and students to walk in and watch us demonstrate ForTEAsimo, our 2024 robot. Meanwhile, members stood outside with pom-poms and our flag to welcome people. Halloween candy and stickers were distributed as we answered questions about the team and our own experiences in FRC. 8th Grade Night was a lovely time for sharing stories and inspiring kids to take the first step in their STEM journey.

Robot Reveal Night

February 24, 2025

This year’s Robot Reveal Night was held at the Mills High School Library! The team presented a recap of offseason activities, including our offseason competition, Capital City Classic, as well as an overview of outreach. New members got to share their experiences and practice presenting in front of a crowd for the first time. Then, technical departments explained the process of building the robot during build season and revealed our 2025 robot Mana-TEA, which was driven by drive team. The event was also a potluck, where students brought food and drinks. TeaHut also sponsored us with 65 free bobas!

School Community

Open House

March 13, 2025

Mills's annual Open House was a great opportunity for the team to introduce incoming freshmen and their families to robotics! Visitors learned about the team's structure and activities while seeing demos of our testing drivebase, Sea Cow! They also bought team merchandise and received pins and stickers.

Local Community Events

Millbrae Art & Wine Festival

August 31, 2024

The Boba Bots were invited to set up a booth at the annual Millbrae Art & Wine Festival, one of the biggest events in Millbrae that attracts crowds from across the Bay Area. Members volunteered to sell drink tokens, all the while promoting the team. We displayed our robot and sold team merchandise (buttons, stickers, and t-shirts). Whether passerbyers came by to buy glasses or look at our merch, almost all customer interactions ended with questions about the robot or our team. Little kids were curious about our robot's function, while adults and elders were more curious about our team events and how to get involved. We even ran into alumni, who stopped by to see the robot!

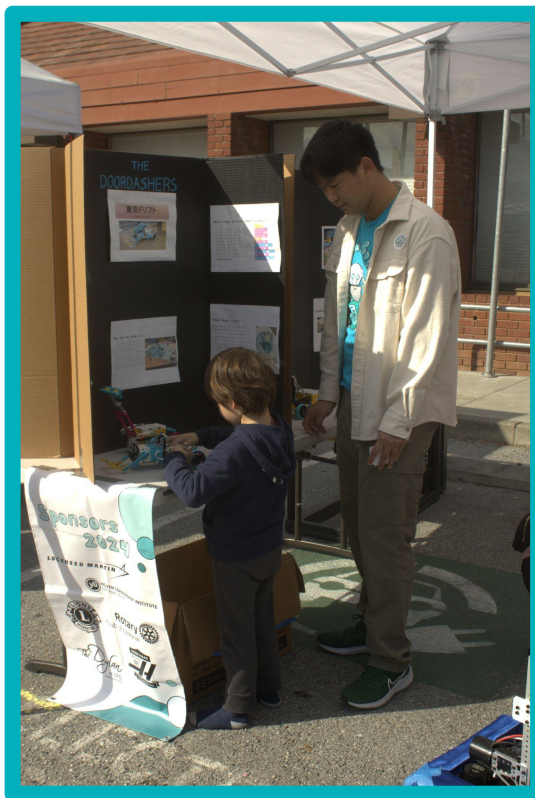


Local Community Events

Millbrae Lunar New Year Festival

January 25, 2025

The Boba Bots participated in the 2025 Millbrae Lunar New Year festival, where we displayed LEGO Robots made by Taylor Robotics. Taylor Robotics is an FLL team that Boba Bots established fall of 2023. Through this program, we teach middle school students the basics of robotics, such as programming, constructing, and prototyping. These students created a trifold displaying their robots' capabilities and constraints. Children were able to interact with both the FLL robots and ForTEAsimo. We also brought out pins, merch, and stickers. Lastly, we also taught kids how to make pins.



FIRST Community

Western Regional Robotics Forum

November 10, 2024

On November 10, 2024, the Boba Bots were invited to present at WRRF, and they gave a presentation on how to create and enforce consistent branding standards for FRC teams. As part of our session, we explained how to make a mascot using different colors and characteristics. They also explained the history of Boba Bots and how to make a logo that stands out from the crowd. We also touched on how we show spirit during competition.



FIRST Community

Taylor Robotics

August 2024 - Present

This year, the Boba Bots continued expanding their FLL program. They registered three more teams in addition to Team 64742 (70243, 70244, and 70245), and will be bringing all four to official competitions for the first time next fall. Through this program, we introduce middle school students to the world of STEM and robotics. Student mentors from the Boba Bots walk down to our local middle school to host the program every Tuesday. While at Taylor, we teach these students important skills such as programming, prototyping, and wiring, as well as business skills such as product promotion. With 30 students in the club, we stand true to our motto: Build Robots, Build People, Build CommuniTEA.

This program is free to all students, making it more accessible in our community. We established it in hopes of building up STEM abilities amongst younger students, as well as to spark their curiosity about robotics. As a result, several former Taylor Robotics members have joined the Boba Bots this year!

