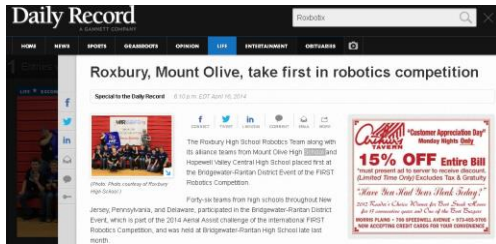


Roxbotix is a team of students from Roxbury High School, and it participates in the FIRST Robotics Competition (FRC) for students in grades 9-12. In this competition, aptly named the "sport for the mind," more than 2,700 teams from around the country and the world are given exactly 6 weeks in January and February to design, build, and program a 120 pound robot to compete against those of the other teams in a unique robot sport in March and April. Despite being a newcomer to the competition, Roxbotix has already seen considerable success on the FRC playing field, and this hasn't gone unnoticed.



FIRST (For Inspiration and Recognition of Science and Technology) is the non-profit organization that runs the FIRST Robotics Competition, as well as the FIRST Tech Challenge, and the FIRST Lego League. FIRST was founded in 1989 to inspire student interest and participation in science and technology. The Roxbury Robotics Team's participation in the FIRST Robotics Competition motivates Roxbury students to pursue education and career opportunities in science, technology, engineering, and math (STEM) while building self-confidence, knowledge, and life skills.

FRC teams are modeled like small enterprises. Aside from building a new robot each year, students are tasked with:

- Creating and executing a business plan for the team;
- Marketing the team in the community
- Fundraising

Being part of a FRC robotics team is not just about building a robot, it is about community outreach to further student involvement in STEM-related disciplines. With this mission in mind, the students of Roxbotix have:

- Given demonstrations of the team's robots at several Roxbury schools, community events, and civic centers.
- Assisted with the formation of a of a robotics program at Roxbury's Eisenhower Middle School.
- Undertaken plans to run a summer robotics camp for area youth.

Roxbotix needs the support of our community businesses and organizations as robotics is an expensive, but rewarding sport, helping inspire students to academic and life success. Businesses and organizations interested in sponsoring Roxbotix are encouraged to contact the team's advisor, Mr. Lee Hayden, who is also the computer science teacher at Roxbury High School.



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