

KILLER BEES ROBOTICS



We need more scientists, engineers, technologists, and mathematicians to solve the big problems of our world. One of the best ways to get people into these professions is to introduce K-12 students to STEM careers before they graduate high school. Competitive robotics is an effective way to influence students to discover how they want to impact the world and to see that STEM can solve big and small problems.

FIRST Robotics Team 33, the Killer Bees, has been influencing the career choices of high school students for 21 years through competitive robotics. Each year, the team participates in the FIRST Robotics Competition challenge to design, fabricate, build, program and compete with a robot on a basketball court sized field to learn how to work as a team and deepen their understanding of concepts learned in school. Competitions feature a high-energy environment, 40+ teams and a “pit” where students work together to prepare the robot for each match.

In order to build robots, participate in competitions and inspire others the team relies on sponsorship funding. These financial or material donations provide our team with resources crucial to our success and to allow us to inspire others to spread the message of FIRST- For Inspiration and Recognition of Science and Technology. We are seeking donations for the 2016-17 competition season to support our annual budget of \$75,000.

As part of our commitment to FIRST, and to encourage students in elementary and middle school, we assist and mentor teams. In gratitude for your support, we are offering our expertise in starting and helping teams to any of your employees who are involved with a FIRST Lego League Jr., FIRST Lego League or FIRST Tech Challenge team.

2016 Killer Bee Successes

This year, the Killer Bees competed in four official FIRST events. We played at the Waterford and Troy district competitions, winning both tournaments. At the conclusion of the Michigan State Championship we were ranked #12 in Michigan. At the FIRST championship, we were division finalists and finished the season with a 52-15 record.

In addition to our on-field performance, we were selected as the Waterford District Chairman’s Award winner. We continue our work to showcase FIRST with the RoboZone television series broadcast on the regional sports television network (FOXSportsDetroit). We offer a micro-credentialing program for students across the state to learn skills for future employment. We lead recruitment and retention of females through co-hosting an All Girls tournament, and providing a STEM badge workshop for Girl Scouts. To gain a sense of real-world application of our

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robotics experience, we tour sponsor factories and learn from our sponsors how their business works.

Killer Bee students tirelessly work to improve our team year-round. This summer we won the Indiana Robotics Invitational and finished as quarterfinalists at the Monroe Area Robotics Competition.

We owe much of our success to our engineering and other professional mentors who invest countless hours in our team. They prepare us for careers that demand the skills we acquire through designing and building our robot, as well as through reaching out to other organizations to advocate for STEM.

Sponsorship is tax-deductible. Sponsor logos are printed on the Killer Bee robot, pit banners, and shirts, worn at every FRC event, as well as listed on our team website. Sponsors are also announced at FRC competitions, promoting sponsor names even outside of the international FIRST community. Our goal in 2016-17 is to raise \$75,000 in sponsorship money. We invite you to consider sponsoring the Killer Bees and appreciate your support.

Thank you for your consideration,

Erica N
Senior at Notre Dame Preparatory School
Team 33- The Killer Bees

To learn more about Team 33, please visit www.killerbees33.com, "like" us on Facebook, or follow us on Twitter. To sponsor us, work with us on FIRST programs, or schedule a demonstration, please contact our team at 33killerbees@gmail.com.

For more information on FIRST and FIRST programs, please visit www.firstinspires.org