



# GEMS ROBOTICS

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Hello,

Allow me to introduce Gems Robotics from the Charyl Stockwell Preparatory Academy, a small charter high school in Brighton, Michigan. We are a robotics team participating in the FIRST Robotics Competition, or FRC. FRC is a program designed by FIRST (For Inspiration and Recognition of Science and Technology), to inspire high school students' interest in science and technology. We are seeking sponsors to partner with us and help us accomplish this mission.

2018 was our seventh year in the FRC, and we have had amazing success in that time. We participated in many FRC tournaments and have been awarded the Motorola Quality Award, the GM Industrial Design Award, the Rockwell Automation Innovation in Design award, and the Xerox Creativity Award. The last five years straight we have qualified for the Michigan State Robotics Championship and earned our team the opportunity to compete in the FIRST World Championship! We have consistently qualified for the playoffs at the World Championship, and the knowledge and experience we gain each year are paying off as we look to our future.

One of FIRST's goals is to promote STEM education (Science, Technology, Engineering, and Mathematics) by exposing students to the world of engineering. Experienced professionals volunteer to mentor our students and guide them through the process of solving complex and challenging problems in a fun, competitive atmosphere. Students execute the entire process - the mentors are only there to guide, be supportive, and help the students with questions. This year, we want to expand our resources, reach into our community, and increase our ability to make science-related careers more accessible. However, we can't do this alone.

FIRST is effective at what it tries to accomplish, but it is expensive to participate at this level. Teams are required to learn business management and marketing skills, then seek out corporate sponsorship. It is companies such as yours that enable us to continue learning and applying the engineering skills that will shape our future. We seek more than financial support, hoping to build ongoing partnerships with our sponsors. In exchange, we offer recognition for our sponsors, from Logo placement on our banners, team t-shirts, or robot, to your company links through our website. Our partners are also proudly announced at FIRST competitions.

I would be happy to arrange a time to meet with you so the team and I can demonstrate our robot and explain more about the FIRST Robotics program. In the meantime, we invite you to take a look at the videos and photos on our team website, [www.gemsrobotics.com](http://www.gemsrobotics.com). Please see the attached form for more information on donations. Thank you for your interest in FRC Team 4362, the Gems! We look forward to meeting with you and welcoming you as one of our sponsors in the near future.

Sincerely,

*Carolyn Brenner*

Gems Robotics

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