



GEMS ROBOTICS



Charyl Stockwell Preparatory Academy * 1032 Karl Greimel Dr, Brighton, MI 48116

January 22, 2022

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 (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.

2021 was our tenth season in the FRC, and we had to overcome great challenges. We had an almost fully virtual season. We competed in the Game Design Challenge and the Skills Challenge. We won the Game Design Award for the 2021 season. We smitted the Atlantis Game Design for the Engineering Design Challenge.

2019 was our eighth year in the FRC, and we have had amazing success in that time. This season, the Gems were the captain of the winning alliance at the FIRST in Michigan State Championship! We have participated in many FRC tournaments and have won a wide variety of awards related to our innovative design and control systems. We have qualified for the Michigan State Robotics Championship and earned our team the opportunity to compete in the FIRST World Championship for the past 6 years! 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 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, and robot, to your company links through our website. Our partners are also proudly announced at FIRST competitions.

Our student presentation team would be happy to arrange a time to meet with you so that we 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. 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,

Liz Holland

Gems Robotics

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