

Why should our company support FIRST Robotics?

Robotics is a club that promotes science, technology, engineering and math education.

"The varsity Sport for the Mind," FRC combines the excitement of sport with the rigors of science and technology. Under strict rules, limited resources, and time limits, teams of 25 students or more are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program robots to perform prescribed tasks against a field of competitors. It's as close to "real-world engineering" as a student can get. Volunteer professional mentors lend their time and talents to guide each team.

Robotics is also a hands on way of using lessons learned in Project Lead the Way (PLTW) classes offered at Oconomowoc High School and both intermediate schools. Our students who take engineering and computer classes can apply their learning in robotics. PLTW is a hands on project and problem based approach to learning that adds rigor to traditional technical programs and relevance to traditional academics.

By supporting FIRST Robotics in Oconomowoc Schools you are providing students with a **unique opportunity to work one on one with engineers** from the community. In this setting students learn the importance of and applications for the subjects they are learning in school.

You are supporting more than just the award winning high school CooneyTech Robotics Team. Our team provides mentors and funds to the middle school and elementary schools for Jr. LEGO, LEGO and VEX Robotics programs. Congratulations to **Silver Lake school for their WORLD CHAMPION VEX robotics team**. We also support a VEX tournaments hosted at Oconomowoc High School. Our team also provided volunteer support for the FIRST Robotics Wisconsin Regional. **Totally your donations will help more than 100 students in the district.**

The robotics team graduates students who enroll in science, technology, engineering and math every year. We have students in engineering classes at UW Platteville, MSOE, and UW Madison. Other students have gone into math education, biology, and computer science. All the students would tell you that FIRST Robotics helped them learn the importance of a strong math and science education in high school.

Even if you do not hire people with these educational backgrounds, you still know the importance of encouraging more students to take these difficult classes. To keep America competitive we need to have more students in these fields of study.

If America is to maintain our high standard of living, we must continue to innovate. We are competing with nations many times our size. We don't have a single brain to waste. Math and science are the engines of innovation. With these engines we can lead the world. We must demystify math and science so that all students feel the joy that follows understanding.

– Dr. Michael Brown Former Nobel Prize winner