



Warren Robotics Team #829



- **Who Are We?**

Warren Robotics is composed of Warren Central High School/Walker Career Center students. The team is advised by local engineers from technology businesses in the area such as IEEE, ITT Technical Institute, and Rolls-Royce.

- **What Do We Do?**

The team is part of the FIRST (For Inspiration and Recognition of Science and Technology) and VRC (VEX Robotics Competitions) programs. The team is given a challenge for which they have six weeks to design, construct, and program a robot. FIRST provides a kit of parts that includes complex motors, pneumatics, and other equipment necessary for the robot. This program introduces high school students to various technological areas including computer sciences, engineering, mechanics, marketing, time management, product design, and machining. The culmination of the FIRST program is the National competition in Atlanta, Georgia at the Georgia-Dome. Over 1800 teams compete in the FIRST program from all over the World. The culmination of the VRC program is at the VEX World Championships in April

- **When does the program occur?**

The Warren Robotics Team meets on Monday nights from 6:00-9:00pm throughout the school year. The design/build period for the 2009-10 school year will be from the first of January 2010 through mid February with the team meeting 4-6 times a week during this time period. The construction and designing period starts at the kick-off and lasts for six weeks. The FRC team will compete in the Boilermaker Regional in March and the Championship Event in April. The VRC team(s) will compete in VEX competitions throughout the year.

- **How and Where is the program Supported?**

For the 2009-10 year, our \$30,000+ budget will be met with numerous grants from corporations such as: Rolls-Royce, ITT Technical Institute, Wal-Mart, Indiana Department of Workforce Development and Comcast and fundraising activities. Rolls-Royce is offering internships for seniors and graduates who have been active members on the robotics team and whose major will be engineering at schools such as Purdue and Rose-Hulman.

- **How can I find out more?**

The FIRST website, at www.usfirst.org, has information about this year's game and the FIRST Corporation, founded by Dean Kamen. If you are interested specifically about our team, please contact team sponsor: Randy Decker at rdecker@warren.k12.in.us, 532-6183. The web page is: www.warrenrobotics.org.

