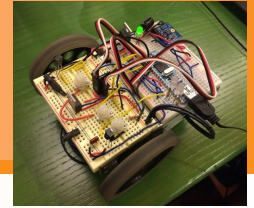
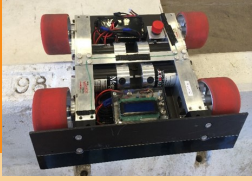


# Indiana Tech Explorer Post 2829

## We Build Robots



- Great education in STEM (Science, Technology, Engineering and Math) fields, specializing in robotics.
- Great resources and knowledgeable advisers.
- Fun activities including the annual trip to the National Robotics Challenge in Marion, Ohio.
- Biweekly meetings at Indiana Tech where members work on robots in teams, and are instructed in assembly and programming of their robots.

### What we teach:

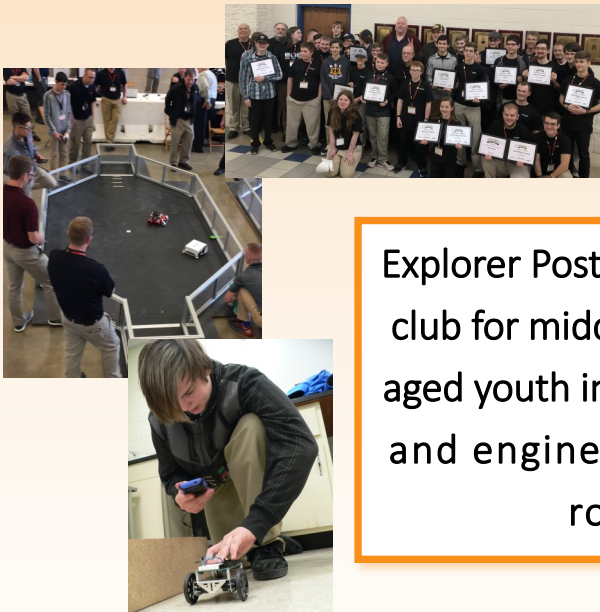
- **Soldering** – The first thing we teach new members is safe soldering. Members can use this to solder custom brains for their robots.
- **Programming** – A major focus of our curriculum is in the development of software, starting with a simple language called PBASIC.
- **Electronics** – New members will also learn how to build simple circuits using the Parallax Board Of Education, a simple kit, which they will use to create functional robots.
- **Robot Construction** – New members will build basic robots. These robots can be entered in the National Robotics Challenge in April. As they advance, members will be helped to develop more complex projects. Different projects offer different challenges and encourage thinking outside the box.

### INTRODUCTORY MEETING:

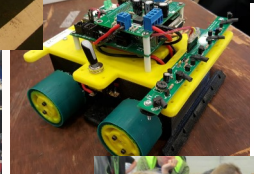
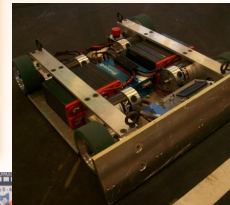
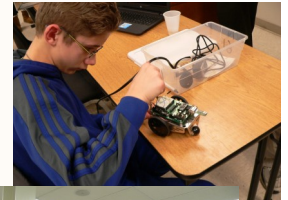
Our annual introductory meeting will be held in Room 202 of the Zollner Engineering Building (next to the wind turbine) on the Indiana Tech Campus on Wednesday, August 22 at 6:30 PM.

### REGULAR MEETING PLACE & TIME:

Zollner Engineering Center, Room 212, on the Indiana Tech campus, 6:30-8:30 PM every other Wednesday beginning September 5, 2018.



Explorer Post 2829 is the perfect club for middle and high school aged youth interested in science and engineering, especially robotics.



## Indiana Tech Explorer Post 2829

To contact Dr. Rex Joyner:  
rwjoyner@indianatech.edu or  
rjoyner6@comcast.net  
260-422-5561 x2289 (office)  
or 260-755-0451 (home)