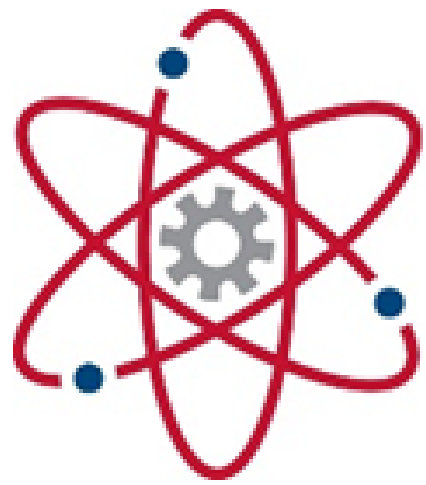


# CAREER & TECHNICAL EDUCATION



PROJECT LEAD THE WAY

# PLTW

## Introduction to Engineering Design (IED) with Mr. Quinn

- Grades: 9, 10, 11, 12
- Learn to design 3D models with Autodesk Inventor
- Print your 3D models on WB's 3D printers!
- Engineering design challenges and competitions
- Work individually & in teams

\*Honors Option to earn Honors Credit



## Principles of Engineering (POE) with Mr. Zwart

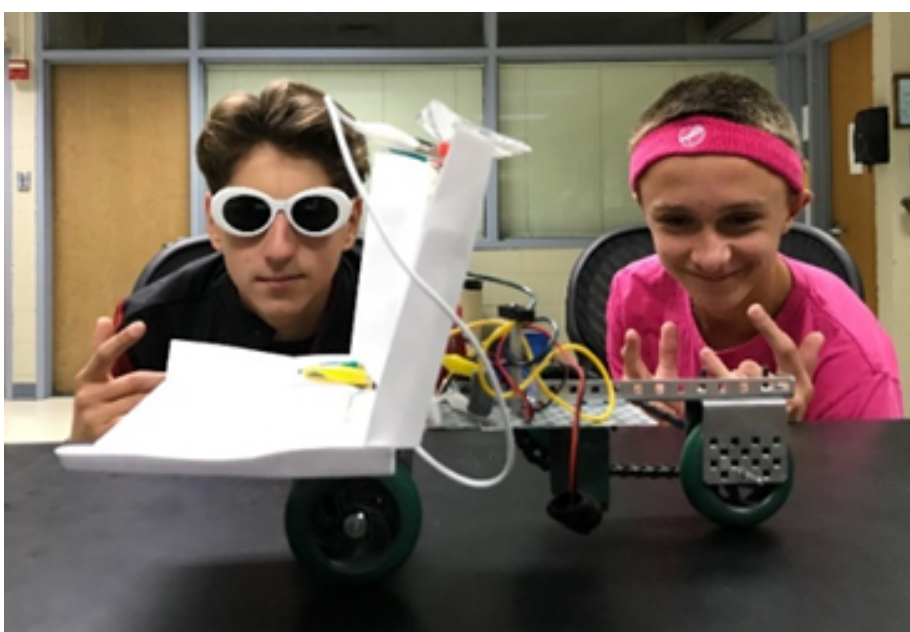
- Grades: 10, 11, 12
- Learn to design, build, and code robots, RC cars, and more!
- Arduinos and Vex Robotics Equipment
- Design and create 3D models that are printed on WB's 3D printers
- Enter 3D modeling & Engineering competitions to win prizes
- No previous coding nor engineering experience necessary

\*Honors Option to earn Honors Credit

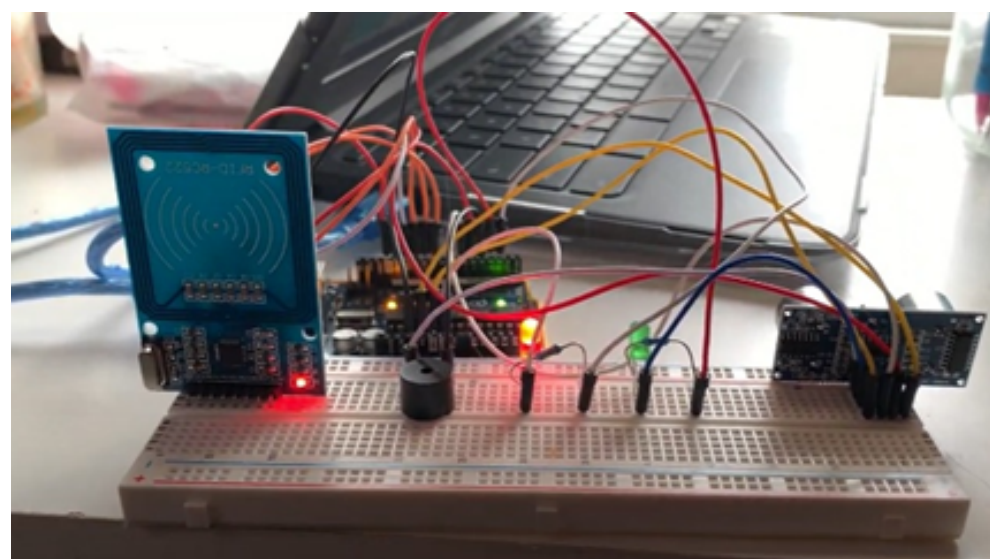
## Digital Electronics (DE) with Mr. Quinn

- Grades: 11 and 12
- Students design, build, and test Circuits
- Arduinos and multimeters

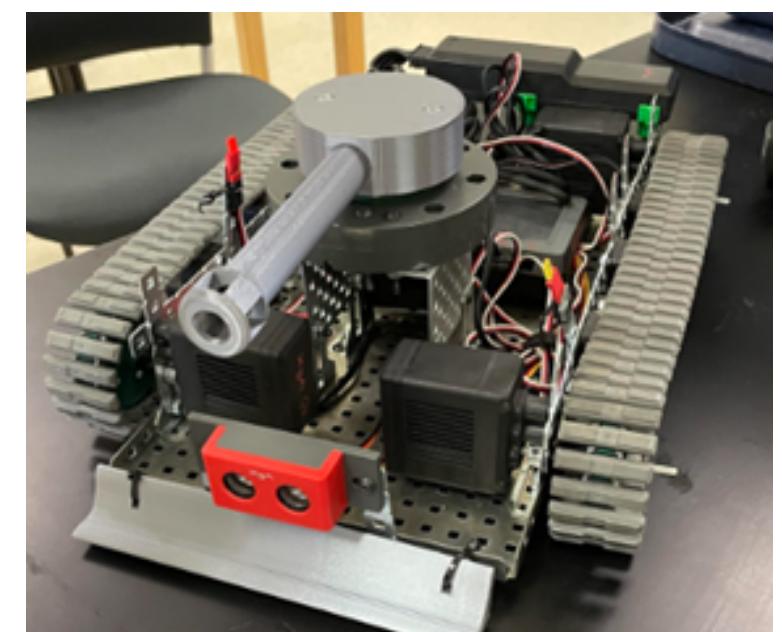
\*Honors Option to earn Honors Credit



The fastest solar-powered race car by Troy and Mike.



An Arduino that lights up when a person gets too close to it - designed by Rachael.



The remote control "Lambo Tank" built with Vex robotics equipment by Rylan, Colin, and Tommy.

Contact Mr. Zwart at [jzwart@dupage88.net](mailto:jzwart@dupage88.net) or Mr. Quinn at [kquinn@dupage88.net](mailto:kquinn@dupage88.net) if you have questions or visit us in A123 during Warrior Time.