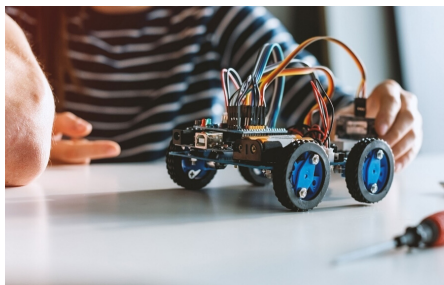
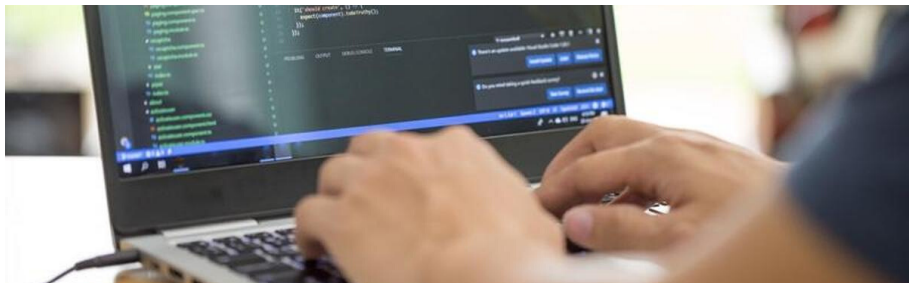


ROBOTICS ENGINEERING

In Robotics Engineering, you will design, engineer, program, and build robots to compete against others in the class in fun, hands-on design activities. As the year progresses and projects get more involved, you will advance from manual control to programmable control, from pre-fabricated parts to custom 3D printed parts, and from pre-soldered circuits to creating circuits of your own.



BUILD AND CONTROL TETRIX ROBOTS (PICTURED ON THE LEFT) / USE SCRATCH CODING TO CONTROL A SPHERO ROBOT (PICTURED ON THE RIGHT) / ARDUINO MICROCONTROLLERS / ELECTRONIC COMPONENTS AND CIRCUITRY / SOLDERING / 3D PRINTING AND RAPID PROTOTYPING OF MANUFACTURED PARTS

For more information, see your counselor or stop by one of the technology classrooms during your lunch period