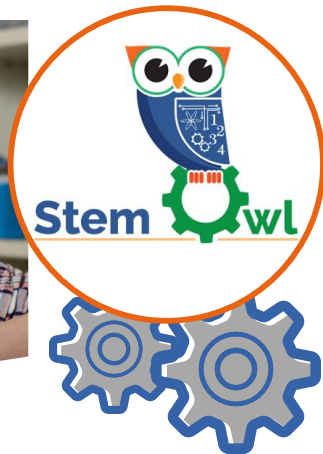# PHYSICAL COMPUTING & CIRCUIT ENGINEERING

This fun filled class introduces the students to computer systems, electronic circuitry, and sensor science using Raspberry Pi, breadboards and sensors without a steep learning curve. Students do not need prior experience with programming languages. Students will be doing hands-on projects to learn how to set up Raspberry Pi, connect sensors, work with a breadboard, and write basic code to control the circuits and sensors. Students will apply newfound knowledge to a series of challenges including programming a LED and a button press to control a circuit, building a security alarm, and programming sensors like ultrasonic sensor.

Woodbrook Elementary School
Grades – 3-5
Fridays   3:45 – 4:45 pm
1/10, 1/17, 1/24, 1/31, 2/7, 2/14, 2/21, 2/28

Cost - $170 (for 8 classes)
To Enroll, please go to: www.stemowl.com