Prize Winner

Programming, Apps & Robotics

Year R-2

Harry Liu

Immanuel Primary School

Report for Harry Liu

Robotics Programming Project

The Robot called "Hungry Metal Detector" is designed to search and capture metals with its Magnet located at front of his body. After coding, it can move forward, back, to the right and to the left. Therefore, once metals balls are laid at different places, the robot can be coded to capture them all. There are two common ways to code the robot. One is to switch to program model and code it by using forward, back, right, and left buttons at the back of his body. The other way is to control robot through the APP on the Ipad. I would like to present how my Robot can capture the metals following the designed route.

Link to Youtube clip of the robot working: *https://youtu.be/zL8m5XUErtc*