Lego Mindstorms Ev3

Difficulty: very challenging and requires intermediate coding skills to go beyond the tutorials.

Overview: Lego Mindstorms are Lego robot kits. There are tutorials and learning projects you can do, and once you have that figured out the sky really is the limit. These kits will need iPads for students to program the robots.

Number of Students: We have 10 kits that the students can use in groups of up to 4 students.

Sample lesson: Have the students work in groups to make the Lego rover. Once it is built, program the rover to navigate an obstacle course.