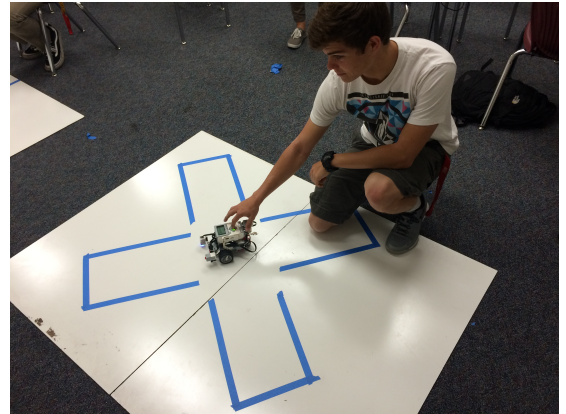# Challenge #2: "The Parking Lot"
Computer Coding Robot Using 2 Sensors Thru 4 Points (40pts.)

Goal: Students must use their <u>computers</u> to write a code that will navigate their robots between 4 parking slots using sensors.

Purpose: Students will only use their **computers** and use a **loop** for the first time.

The sensors the students will rely upon:
1. Color (20 pts.)
2. Gyroscope (20 pts.)

Training: View all the films in the online training module:
Programming & Data Logging / "Action / Flow Palettes."
(A link is on the class website: https://elearning.legoeducation.com/courses/action-flow-palettes)

View the Following Training Films:

✓ Introducing the Palettes	✓ Sound Block	✓ Wait For Block
✓ Stop model using sensor	✓ Loop Block	✓ Tips & Tricks
✓ The Motor Blocks	✓ Interrupt Block	✓ Final Thoughts
✓ Display Block	✓ Switch Block	

Bonus: The first 3 groups to finish get to pick from the candy jar!