Lego EV3 Setup

Advanced Level

Gyro Boy Documentation: <http://robotsquare.com/wp-content/uploads/2013/10/45544_gyroboy.pdf>

Both Teams

Go to <https://education.lego.com/en-us/downloads/mindstorms-ev3>

* Download lego mindstorm software (very large may take a while)
* Mindstorm Team:
  + Read the Quick Start section (Programming)
  + Programming Overview
  + Robot Educator (Basics & Hardware Section)
* Scratch Team:
  + Read Robot Educator (Hardware Section)

Scratch EV3 Team

Go to <http://kaspesla.github.io/ev3_scratch/>

-Follow the instructions to get Lego working with Scratch

Project Goals: In groups of 2, write a simple script that uses each of the Lego EV3 Sensors

Scratch Team:

Create a script in scratch that uses each one of your EV3 sensors.

* Start with getting your EV3 to make a sound
* If you finish add a Sprite to interact with the EV3

Mindstorm Team:

Create a script in the EV3 app that uses each one your EV3 sensors