IMPORTING HITECHNIC BLOCKS

By Sanjay and Arvind Seshan

LESSON OBJECTIVES

- Learn how to add the HiTechnic programming blocks for the Color Sensor, Compass Sensor and IRSeeker to your EV3 software

STEP 1: DOWNLOAD THE BLOCKS

- The EV3 programming blocks for all HiTechnic Sensors permitted in WRO can be download from the manufacturer's download page:
  - https://www.hitechnic.com/downloads

- Exapand the .zip file

HiTechnic EV3 I2C Blocks
This is preliminary release of the HiTechnic EV3 blocks file. Supported sensors are: Angle, Compass, Accelerometer, and IRSeekerV2.
New with v. 0.21: Gyro Sensor block now available with the other analog sensor blocks.
New with v. 0.20: Added support for the RPM value for Angle sensor. Split blocks into individual .ev3b files so you only need to import what you need. Worked around EV3 IIC U8 as I8 bug.

	Description	Version	Release Date	Size	
	HiTechnic EV3 I2C Blocks	0.21	February 7th, 2014	103.77 KB	Download Now

HiTechnic EV3 Analog Sensor Blocks
This is preliminary release of the HiTechnic EV3 blocks for three HiTechnic Analog Sensors: the Gyro Sensor, Force Sensor, and Magnetic Sensor. The zip file also includes sample programs that will display the sensor value on the EV3 screen. Note that this blocks only support the EV3 and that the NXT is not supported.
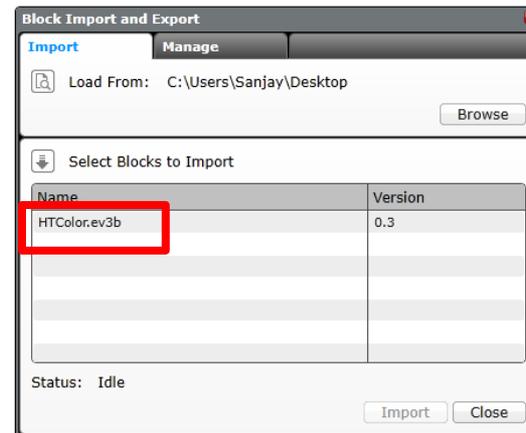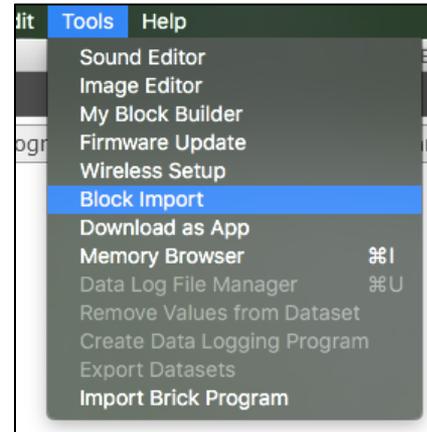
	Description	Version	Release Date	Size	
	HiTechnic EV3 Analog Sensor Blocks	0.1	February 7th, 2014	41.63 KB	Download Now

HiTechnic EV3 Color Sensor Block
This is preliminary release of the HiTechnic EV3 Color Sensor Block. Note that this block only supports the EV3 and will not work with the NXT. Zip file includes both the Color Sensor block and a sample program that shows the color sensor values on the EV3 screen. See instructions at top of this downloads page for installation instructions.

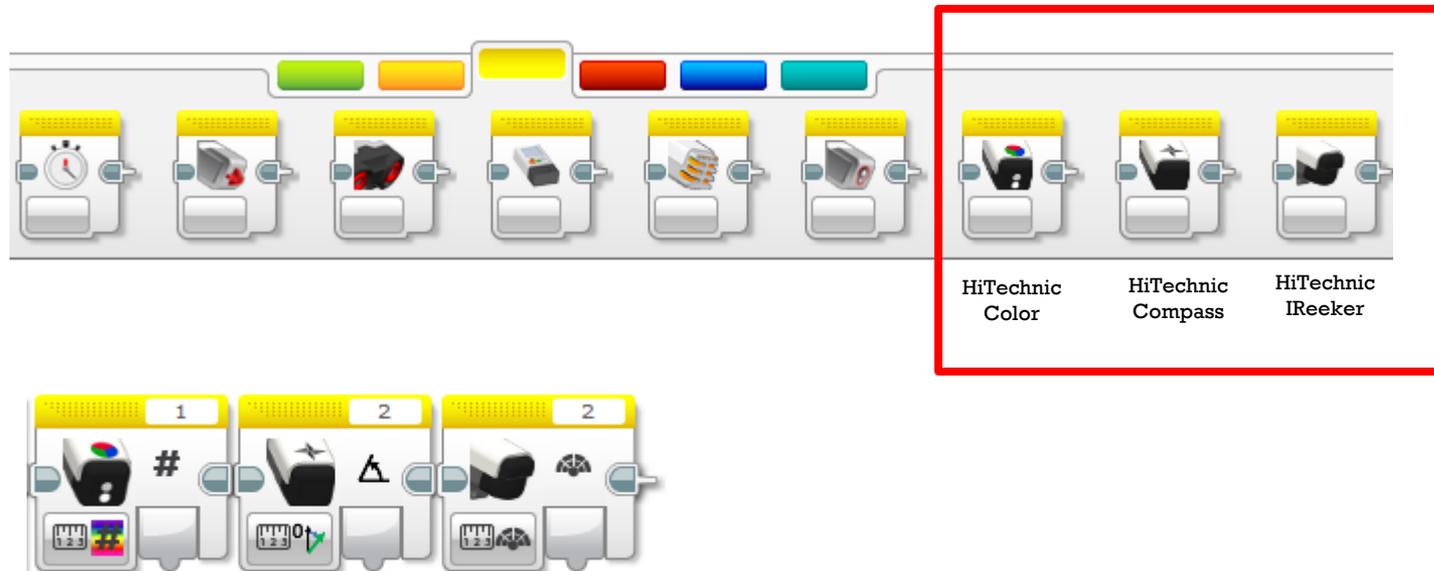|	Description	Version	Release Date	Size	
	HiTechnic EV3 Color Sensor Block	0.3	February 18th, 2014	41.85 KB	Download Now

STEP 2: IMPORT BLOCKS

a. Open your EV3 software, add a project

b. Go to Tools → Block Import

c. Browse through your files and find the .ev3b file you downloaded in Step 1

d. Select the block and click Import

e. You will have to restart your software before using the block

STEP 3: USING THE BLOCKS

- The block(s) you imported will appear in the Yellow Sensor Pallet in the EV3 Programming Software

CREDITS

- This tutorial was created by Sanjay Seshan and Arvind Seshan

- More lessons at www.ev3lessons.com