Circuit Playground Intro

# Setup

Visit [Adafruit's Circuit Playground tutorial](https://learn.adafruit.com/adafruit-circuit-playground-express). You may need to install the Windows driver (adafruit\_drivers\_2.4.0.0.exe). You may wish to [update the Circuit Playground’s bootloader](https://learn.adafruit.com/adafruit-circuit-playground-express/updating-the-bootloader).

# Level 1: MakeCode

Go to [makecode.adafruit.com](https://makecode.adafruit.com/). Or install the Windows app. Go through a tutorial. To go back to MakeCode from any other mode, just double-click to enumerate CPLAYBOOT.

# Level 2: JavaScript

Can you build the same thing without the blocks? Access this mode from within the MakeCode IDE.

# Level 3: Python

Download from here: <https://circuitpython.org/board/circuitplayground_express/> Someone please try the Pirate translation.

# Level 4: Arduino IDE

Code in C++. Need to install the Arduino app, then the SAMD package.

# Not Used: Code.org

Install Firmata onto the Circuit Playground. Then use with courses on code.org.