

Code... Setting up Neopixel Strip

The screenshot displays the Microsoft MakeCode IDE interface for an Arduino Uno project. On the left, a hardware diagram shows the Arduino Uno connected to a breadboard with a Neopixel strip. The code editor on the right contains the following blocks:

```
on start
  set strip to Neopixel at pin P16 with 30 leds as RGB (GRB format)

on button A pressed
  strip show color red
```

The interface also features a 'Download' button at the bottom left and a search bar at the top left. The project name 'Neopixel Lights' is visible at the bottom center.

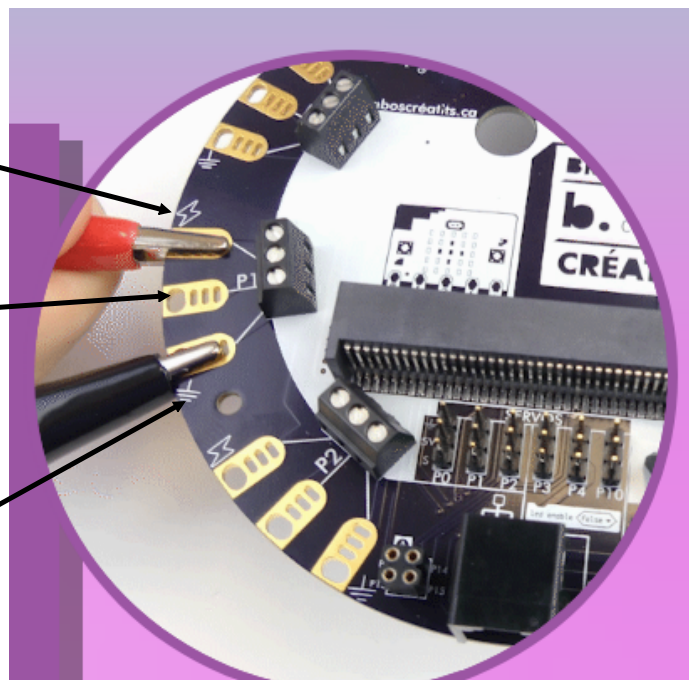
Wiring Setup...

Power

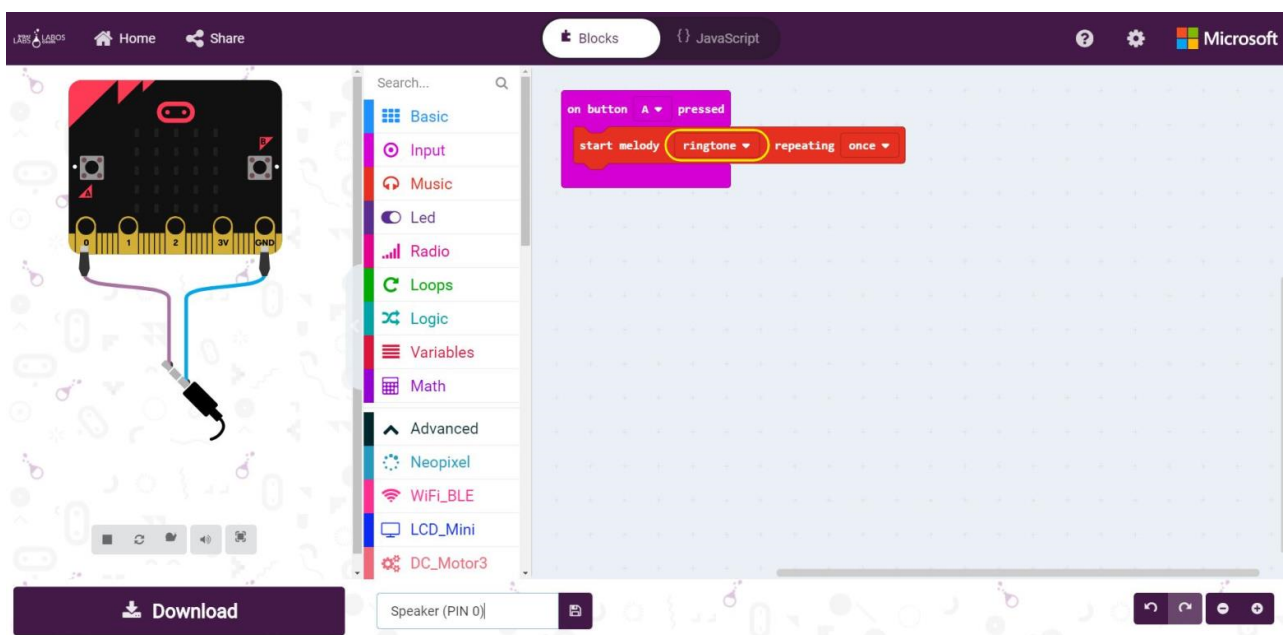
Data (Code)

*white wire

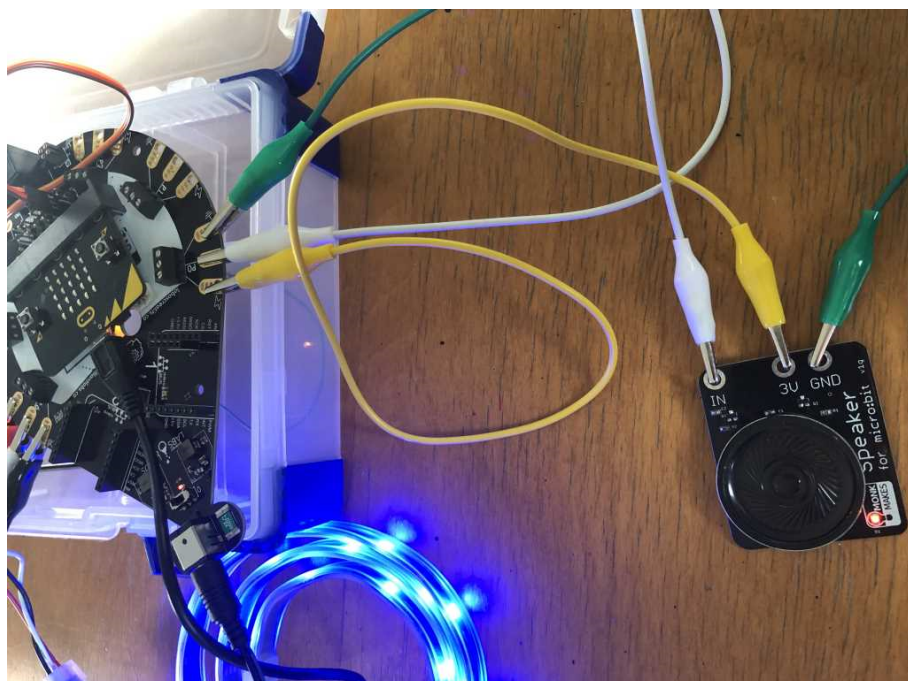
Ground



Code... Setting up a Speaker

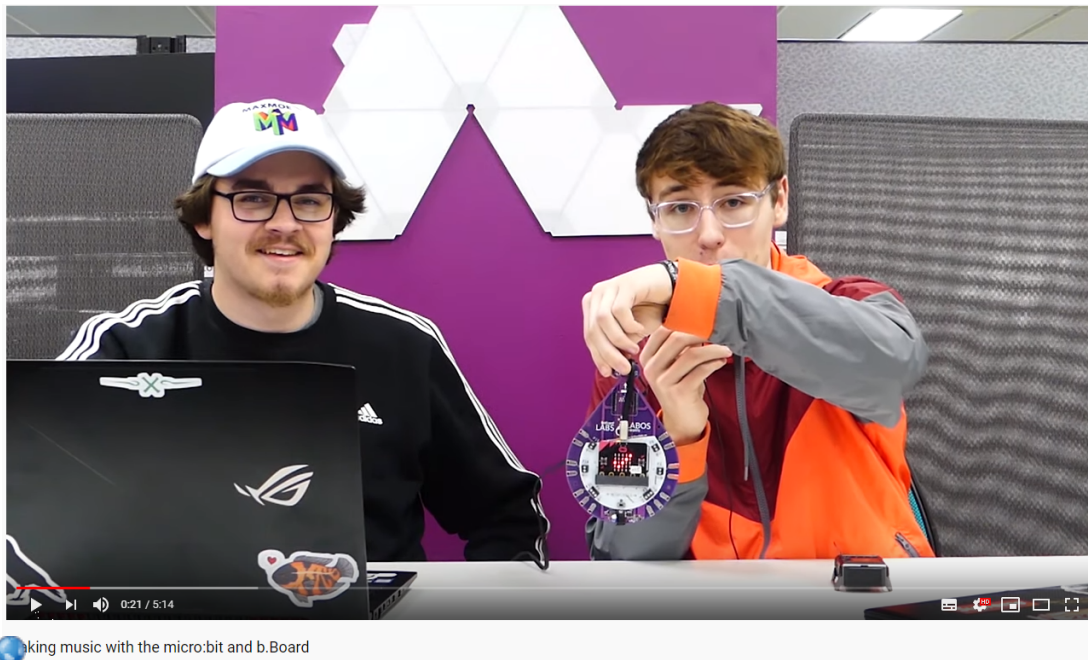


Wiring...

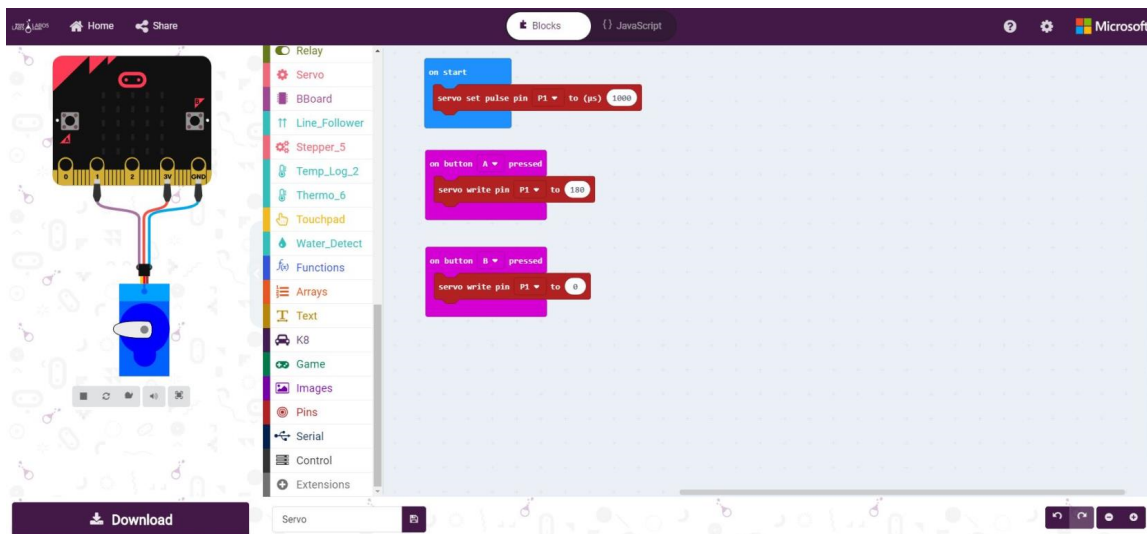


Speaker	b.Board
3V	Power
GND	Ground
IN	Middle

DEMO: Creating music on a b.Board...



Code... Setting up a Servo



- NOTES...**
- Brown wire closest to micro:bit
 - battery pack needs to be plugged in