



micro:bit | NeoPixels

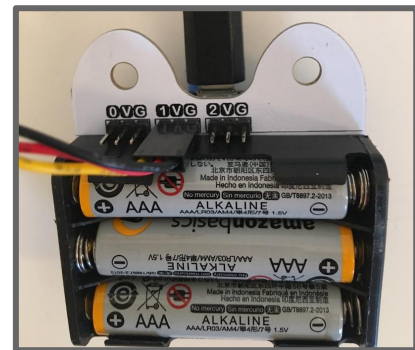
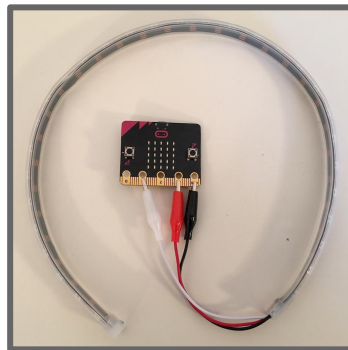
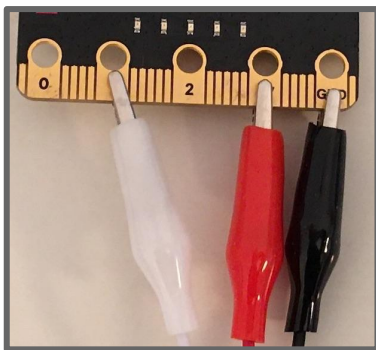
Connect the micro:bit to MicroBlocks.



Add the NeoPixel library:



Connect a NeoPixel strip using alligator clips or an extension board.



Drag the *attach LED NeoPixel* block to the scripting area. Input both the number of NeoPixels on your strip and the pin to which the strip is connected, then run it.

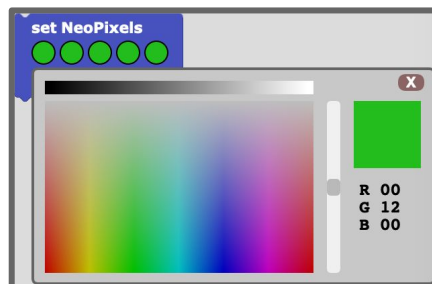
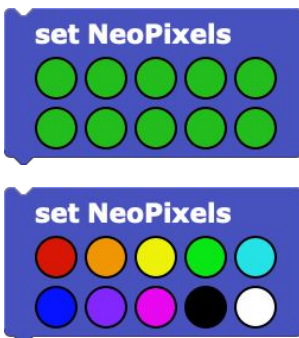
```

when started
  attach 10 LED NeoPixel strip to pin 1

```

Drag the *set NeoPixels* block to the scripting area and click on it. Your NeoPixels should light up! Change the NeoPixels by selecting the green circles and customizing the colors.

To make it look like the rainbow is moving, rotate the NeoPixels by one forever when the program is started.



```

when started
  attach 10 LED NeoPixel strip to pin 1
  set NeoPixels
  forever
    rotate NeoPixels by 1
    wait 200 millisecs

```