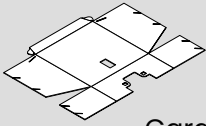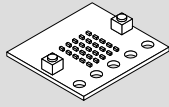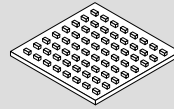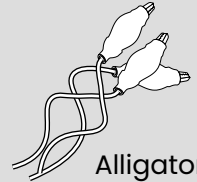# HOW TO ASSEMBLY YOUR
NEOPIXEL GRID PROJECT

Includes:
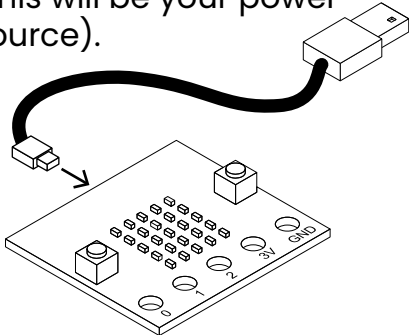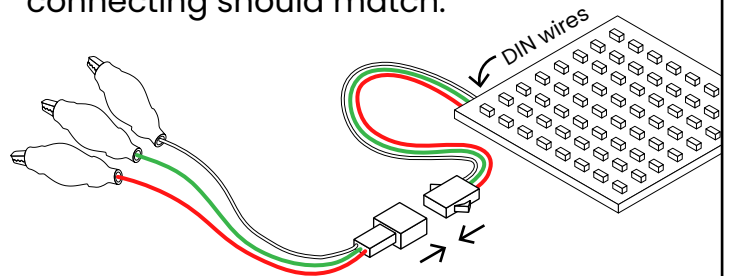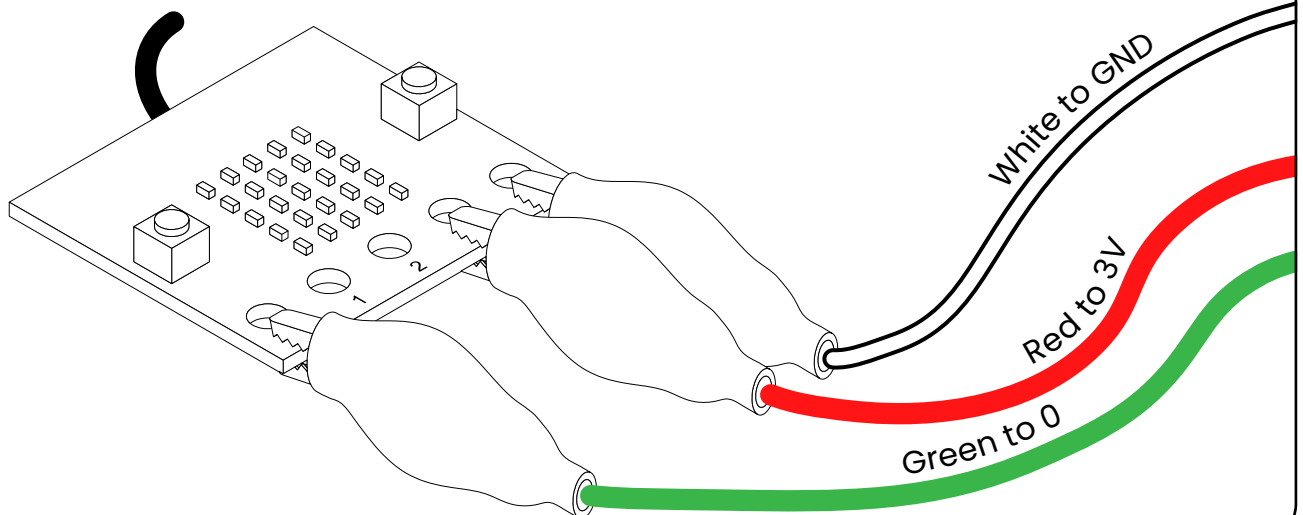

Cardstock Template

micro:bit

Neopixel Grid

Alligator Clips

1 Connect your micro:bit to your computer and download your code. Leave the micro:bit connected to the computer (this will be your power source).

2 Connect your alligator clips to the neopixal grid using the rectangular black box at one end - make sure that the wires connect to the DIN wires of the grid. The colours of the wires connecting should match.
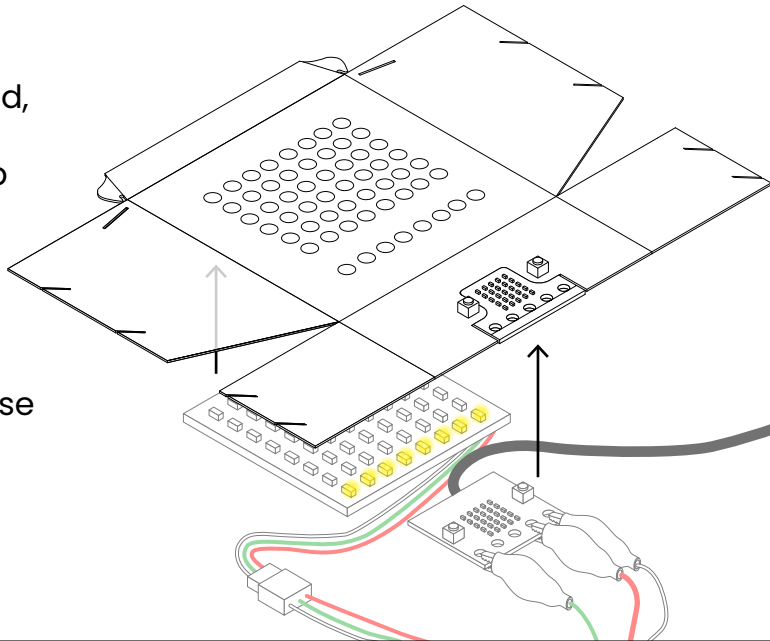
DIN wires

3 Connect the white wire to GND, the red wire connects to the 3v pin and the green wire connects to pin 0.
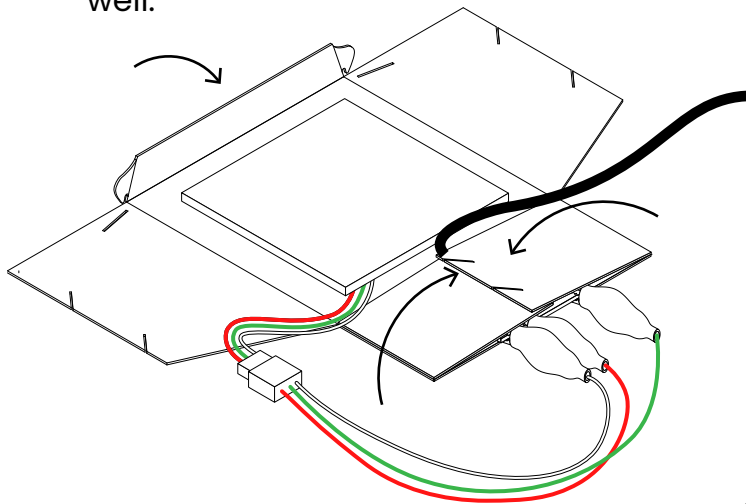
White to GND

Red to 3V

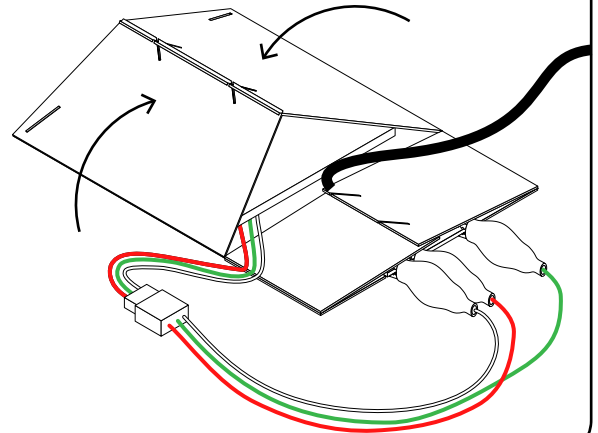Green to 0

HOW TO ASSEMBLY YOUR
NEOPIXEL GRID PROJECT

4 You'll notice that once the code has been downloaded, your neopixel grid should have a strip of LEDs light up on one side. This is the Legend Bar and should be oriented to fit the map template you selected. Insert your micro:bit below the cardboard template. Use some tape to keep both of them from sliding out of place.

5 Turn the template over and fold the bottom side flaps to secure the micro:bit. Fold the top flap down as well.

6 Fold the middle flaps to secure the neopixel grid.

GEN ACTION