

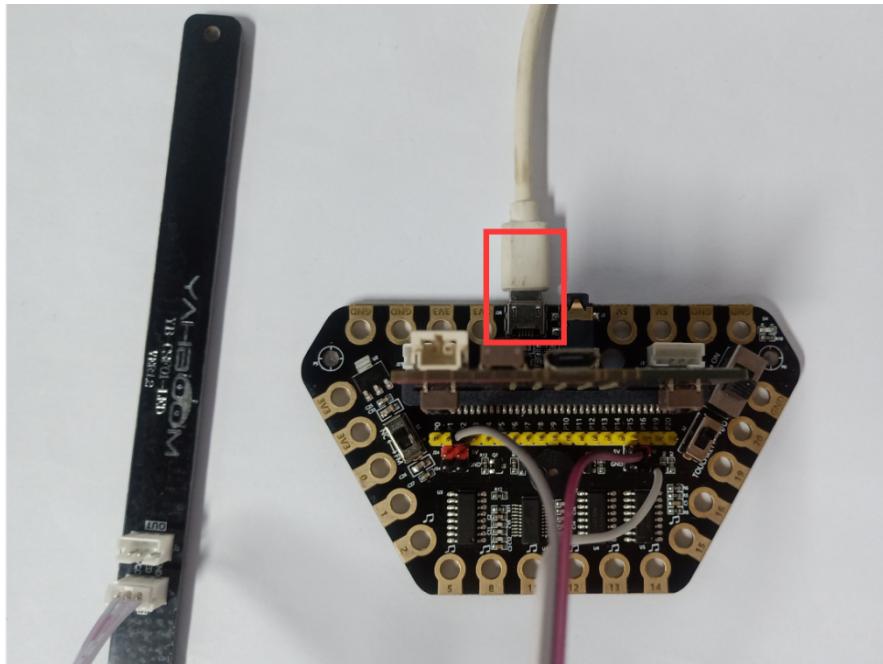
Color water light

! Note:

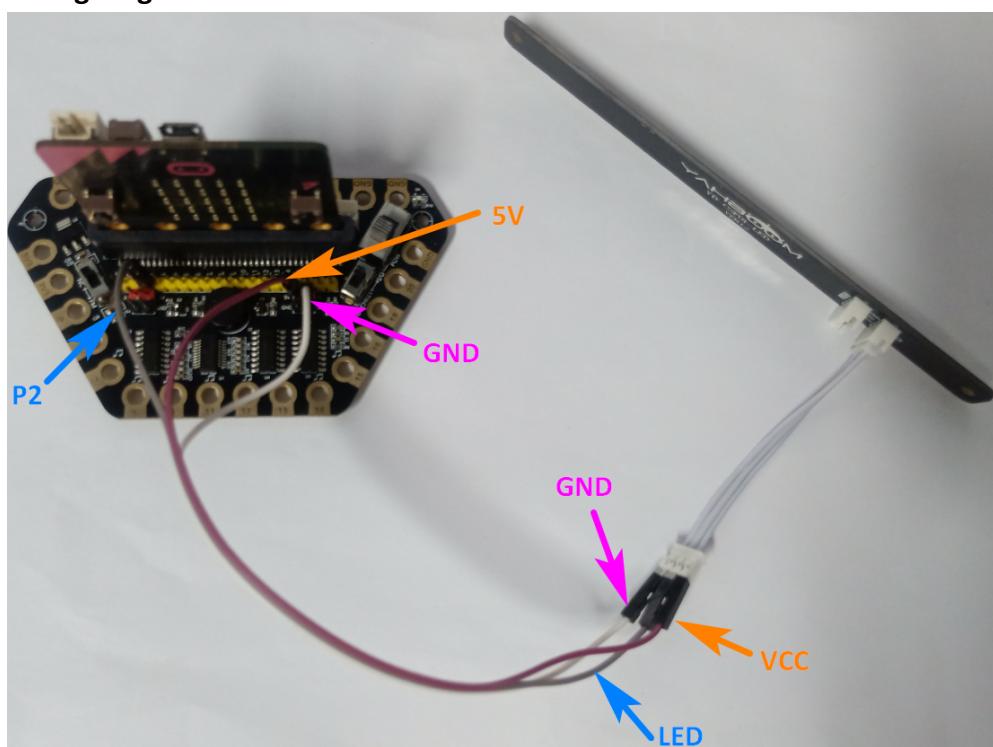
When performing this experiment, the current consumed is large.

We recommend plugging the USB data cable into the micro:bit expansion board to power supply the light bar and the micro:bit board. As shown below:

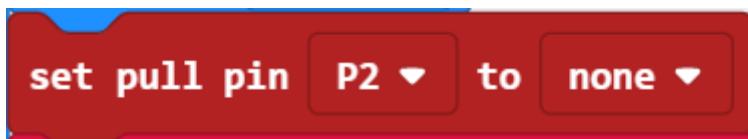
If the USB data is directly plugged into the micro:bit board for power supply, it will affect the effect, such as color saturation of RGB lamp is reduced.



The wiring diagram is as follows:



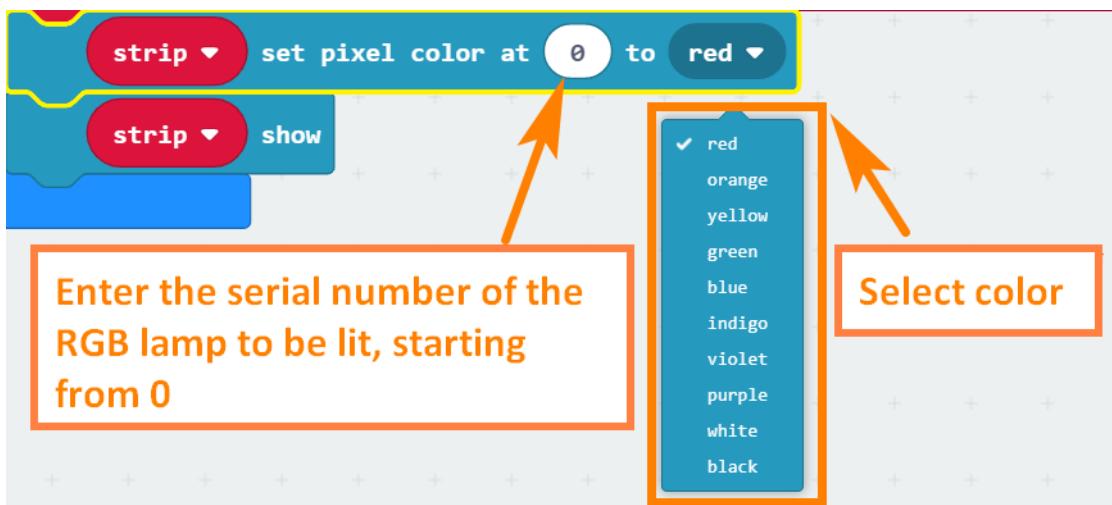
Program analysis:



It mean is that RGB bar connect to P2 of micro:bit.



There are a total of 5 RGB lights on the RGB bar. If you have cascaded other RGB bars, you can modify the quantity directly here.



Experimental phenomena:

After the program download is complete, we can see that all the RGB lights on the light bar are lit up purple in proper order, which realizes the effect of the water light.