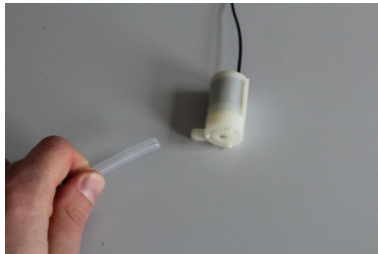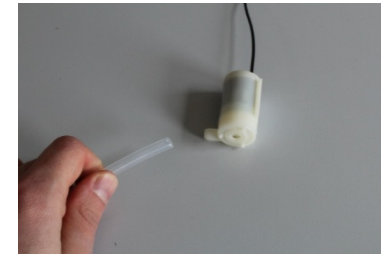# BBC Micro:Bit Water Pump

Included

- 1 x Water Pump
- 1 x 500mm Tube

Needed

- BBC Micro:Bit
- Bowl of Water

Assembly

- Attach the cables to the following BBC Micro:Bit connections.
  - Green to P1
  - Red to 3V
  - Black to GND
- Connect the flexible tube to the output of the pump. See image below.

- Place the pump into the bowl of water. (The pump is submersible)
- Get coding.
- For example code use the link https://www.microbit.co.uk/xvlobh. This code allows you to control the water pump using the A button on the BBC micro:bit. Once the button is pressed the water will be pumped for 10 seconds.

www.sciencescope.uk