

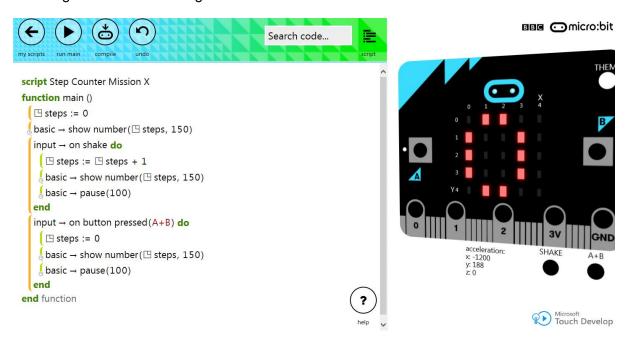
Base Station Walk-back with the BBC Micro:bit

For this activity, you will need to use a BBC Micro:bit and a AAA battery holder with suitable connector. You can purchase these as a kit from Rapid Electronics (order code 75-0116) – or separately from several suppliers.

You will need to connect the battery holder to the micro:bit and insert 2 AAA batteries (not included). Advice on how to attached the device to clothing can be found here http://make.techwillsaveus.com/bbc-microbit/activities/badge-adaptor

To add to the code, you can use the micro:bit website http://microbit.org/code/. You will need a micro-USB cable and a computer connected to the internet.

Pressing buttons A and B together will reset to counter.



Using the stepometer for the Base Station Walk-back activity

- Measure the distance across your classroom or hall
- Walk from one side to the other and count the number of steps
- Divide the total distance by the number of steps to calculate your stride length
- Wear the stepometer for the Base Station Walk-back and calculate the total distance you have travelled by multiplying the number of steps

