



# micro:bit | Step Counter

Libraries:

LED Display

Motion

The Motion library lets you count your steps as you walk or run. It works by using the built-in tilt sensor to detect your up-down motion as you take a step.

Test these scripts by shaking your micro:bit.

Press the A button to see your step count. Press the B button to reset.

Now, plug in a battery and take your micro:bit for a walk!



*How well does it work?  
Reset the count, then take 20 steps.  
What count do you get?*

Adjust the sensitivity of the step counter for your own steps. (If taller, increase the threshold.)

when started

start step counter

when button A pressed

scroll text step count

when button B pressed

clear step count

scroll text step count

set step threshold 10 (0-50)