micro:bit | Step Counter

Connect the micro:bit to MicroBlocks.

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

Add the Motion and Scrolling libraries:

Libraries **+**   **Motion**   **Scrolling**

when started
start step counter

when button A pressed
scroll number **step count** ▶

Test these scripts by shaking your micro:bit.

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

when button B pressed
clear step count
scroll number **step count** ▶

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?

Use this block to adjust the sensitivity of the step counter for your own steps.

set step threshold 10 (0-50)

http://microblocks.fun