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 built-in tilt sensor to detect your up-down motion as you take a step.
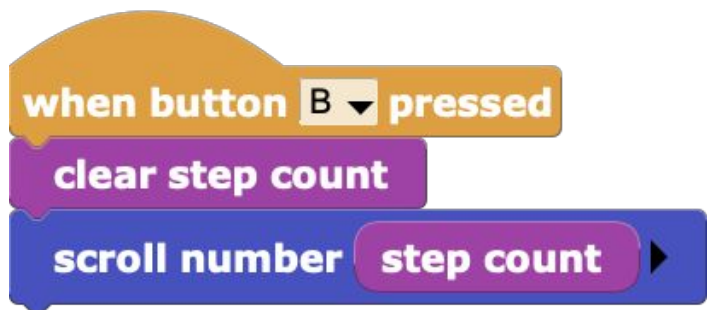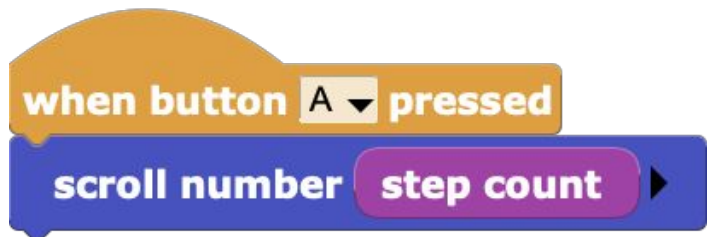
Add the Motion and Scrolling libraries:

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

Test these scripts by shaking your micro:bit.

```
when started
start step counter
```

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

```
when button A pressed
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?

```
when button B pressed
clear step count
scroll number  step count
```

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

```
set step threshold 10 (0-50)
```

http://microblocks.fun