



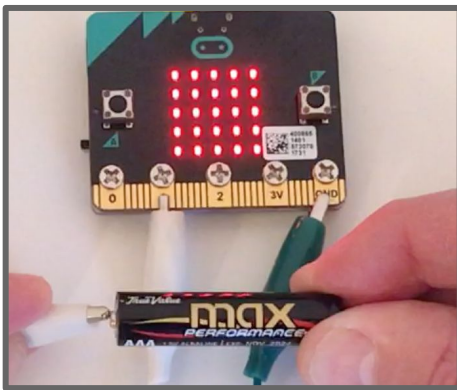
micro:bit | Battery Tester

Connect the micro:bit to MicroBlocks.



Use this battery tester to check 1.5 volt batteries like those your micro:bit uses!

Connect alligator clips or wires to GND and pin 1 of the micro:bit. Touch the wire connected to GND to the - end of the battery and the other wire to the + end.



The **read analog pin** block senses voltage. A new battery outputs about 1.6 volts, which reports about 520. A dead battery outputs about 0.9 volts, which reports 290.

Use this script to see the number from the **read analog pin** block.

```
forever
  say read analog pin 1
```

Note: To avoid damaging your micro:bit, test **only** 1.5 volt batteries (D, C, AA, or AAA).

```
when started
  forever
    if read analog pin 1 > 480
      display
    else if read analog pin 1 > 460
      display
    else if read analog pin 1 > 430
      display
    else if read analog pin 1 > 300
      display
    else if
      clear display
```