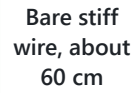




## Parts you need



3 crocodile  
clip leads

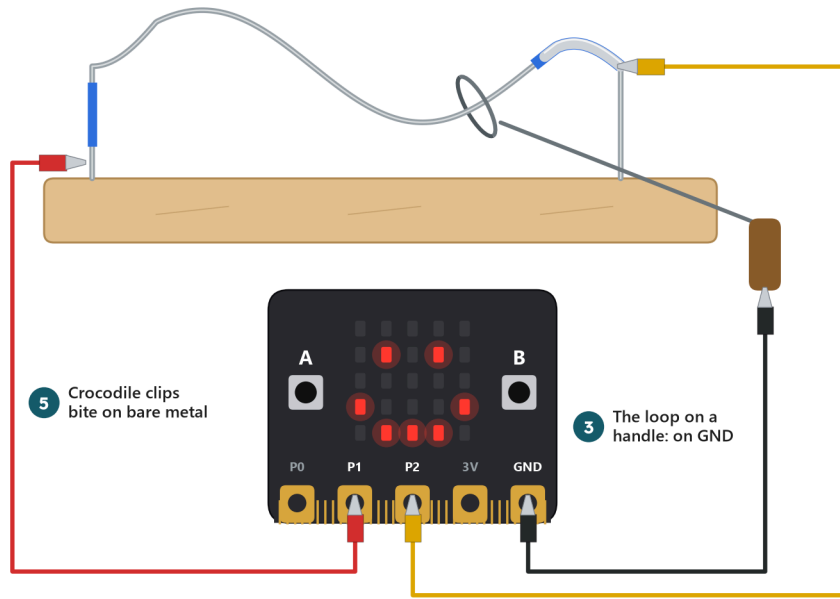


Battery pack  
with  
ON/OFF  
switch (to  
play  
anywhere)

**Touch:** the loop closes the circuit from P1 to GND, and the Micro:bit beeps.

**1** Bare wire, bent: on P1

4 Finish: foil over tape, on P2, from story 4



```

forever
  if pin P1 is pressed then
    show icon
  play tone Low C for 1/2 beat until done
else
  clear screen

```

```
on button A pressed
  set touches to 0
  show number touches

forever
  if pin P1 is pressed then
    change touches by 1
    play tone Low C for 1/4 beat until done
    show number touches
    pause (ms) 500

on start
  show number touches
```

```

on button A ▼ pressed
  set lives ▼ to 3
  show number lives ▼

forever
  if (lives ▼ > 0) and (pin P1 ▼ is pressed) then
    change lives ▼ by -1
    if (lives ▼ = 0) then
      show icon [sad face]
      play (sad ▼) until done ▼
    else
      play tone Low C ▼ for 1/4 ▼ beat until done ▼
      show number lives ▼
      pause (ms) 500 ▼

on start
  set lives ▼ to 3
  show number lives ▼

```

```

on button A ◀ pressed
  set touches ◀ to 0
  set start ◀ to running time (ms)
  set playing ◀ to true
  show arrow East ◀

forever
  if ◀ playing ◀ and ◀ pin P1 ◀ is pressed then
    change touches ◀ by 1
    play tone Low C for 1/4 ◀ beat until done ◀
    pause (ms) 500 ◀
  if ◀ playing ◀ and ◀ pin P2 ◀ is pressed then
    set playing ◀ to false ◀
    set seconds ◀ to running time (ms) - start ◀ integer // 1000
    set score ◀ to seconds ◀ ++ touches ◀ ++ 5
    play happy ◀ in background ◀
    show number score ◀

```