

# Micro:bit Programming - sensors

MicroBits have a number of **sensors** on them. These can be used to measure things.

Sensors work best when combined with **variables**.

# Micro:bit Programming - repetition

Using the **Python Editor**...

Write a program to measure the temperature

## ***Challenges:***

1. Display the temperature on a button press
2. Use a second button to display the temperature in degrees Fahrenheit
3. Round the value of the degrees F

```
1 # program to measure temperature
2 from microbit import *
3
4 while True:
5     # record the temperature and store it
6     temp = temperature()
7
8     # display it when button a pressed
9     if button_a.is_pressed():
10        display.scroll(temp)
11
```