The BBC micro:bit

A pocket-sized, codeable ARM based computer designed for computer education. With a built-in compass, motion detection and Bluetooth technology. With an ambition to inspire digital creativity to develop a new generation of tech pioneers in collaboration with the element14 Community.

PICK YOUR PROJECT

Fitness Tracker
Requires the use of:
6 Accelerometer
6 LED Array

Gaming
Requires the use of:
6 Button A
9 Button B
10 LED Array

Metal Detector
Requires the use of:
6 Magnetometer
10 LED Array

Door Bell / Alarm
Requires the use of:
3 Bluetooth
8 Accelerometer
10 LED Array

Robotics
Requires the use of:
6 Button A
9 Button B
3 Bluetooth
8 Accelerometer
7 Edge Connector