

My Year 5 unit on physical computing with Crumble kits will help me with this unit.

Key information

Parts you will be using – can you find them?

1. A and B buttons
2. LED display
3. Accelerometer and compass
4. USB port to connect to a computer



Vocabulary

Micro:bit	A small computer that runs programs created on MakeCode
Accelerometer	The part of the Micro:bit that detects movement
Emulator	A simulator on MakeCode that can be used to test code before it is downloaded onto the Micro:bit

Online Safety Focus

- Know how to report **online bullying** in a variety of contexts

Key Computing Skills and Knowledge

- Know that the **micro:bit** is an **input, process, output device** that can be **programmed**
- Know that a **program** can be created on a computer then transferred to a **controllable device**
- Know how to **download code** onto a **micro: bit**
- Know that **selection** can control the **flow** of a **program**
- Know how to use an **'if ... then ... else' statement** to select the **flow** of a **program**
- Know how to use a **condition** to change a **variable**
- Know that the order of **conditions** in statements is important