

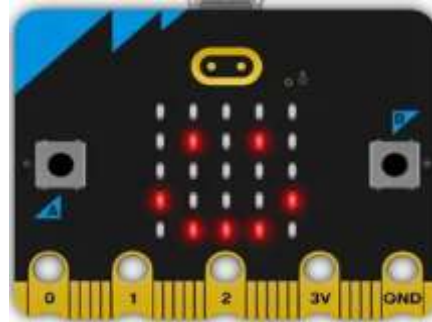
## Key vocabulary

|             |                                                                    |
|-------------|--------------------------------------------------------------------|
| decomposing | breaking problems into smaller parts to make them simpler to solve |
| debug       | Identify errors in code and correct them                           |
| refine      | make minor changes to improve                                      |
| loop        | a command that repeats itself until told to stop                   |

## online safety



## Key knowledge



A Micro:bit is a piece of hardware that you can code to follow instructions.

It has buttons, LEDs, light sensors, speakers and an accelerometer (which can tell if the Micro:bit is moving).

You can code the Micro:bit using the website **[makecode.microbit.org](https://makecode.microbit.org)** and input the algorithm using a USB cable from a Chromebook.

Algorithms can be used to meet a brief, for example “code a pet hamster toy”.

An algorithm can be created using decomposing, breaking a problem or a need into small sections and coding those piece by piece.