

Key Vocabulary

if, then, else	A way of comparing two or more sets of data to see if they are "true."
microbit	A tiny, pocket size computer.
accelerometer	A tool that measures acceleration.
emulator	Hardware or software that allows one computer system to behave like another.
sensor	Used to detect changes in data.

Key Facts

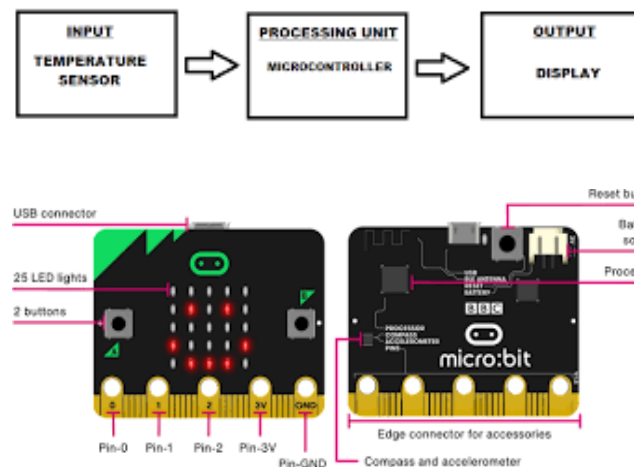
- Sensors are input devices that record data about the physical environment around it.
- Sensing devices can include cameras, microphones, thermal detectors, chemical detectors, radiation gauges, and wireless receivers in any frequency such as Wi-Fi.
- Most input devices are human controlled, meaning they require some human interaction for data. However, sensors detect their environment such as temperature or movement.

Key Questions

- What are some examples of variables in real life situations?
- Does a variable need to be unique?
- How do computers sense information?
- What type of information can be described as an input?

Links to other Learning

- Year 1 - Programming A
Moving a robot
- Year 2 - Programming B
Quizzes
- Year 3 - Programming B
Events and actions
- Year 4 - Programming B
Repetition in games
- Year 5 - Programming B
Selection in physical computing



Famous Computer Scientists

Bill Gates



Bill Gates is an American software developer who founded Microsoft in 1975. He created the operating system Windows which is used in millions of computers worldwide.