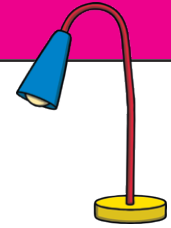


## What Is Technology?

Technology is any tool, device or system that helps us to do something or solve a problem.



## Key Vocabulary

### artificial intelligence (AI)

Computers that can think and learn like humans.

### augmented reality (AR)

The real world combined with computer generated images and models.

### digital device

Any piece of equipment that contains a computer or microcontroller, such as a smartphone, smartwatch or laptop.

### virtual reality (VR)

A way of using technology to make someone feel like they are somewhere else.

### World Wide Web

An information system of shared web pages on the Internet.

## What Is Information Technology?

Information technology is:

- technology that creates, stores or exchanges information;
- technology that is a computer or that needs a computer to work.



## What Is a Network?

When two or more computers are connected to one another it is called a network. Network connections can be made using wires or wireless technology.

A network lets computers share information with each other.

The Internet is a network of computers from all over the world.



## Significant Individuals in IT



Ada Lovelace was the first computer programmer.



Alan Turing designed the first modern computer.



Bill Gates created an operating system called Windows.



Sir Tim Berners-Lee created the **World Wide Web**.

## How Have Digital Devices Changed over Time?

**Digital devices** have become smaller and more mobile. Modern **digital devices** work more quickly and are more powerful. They are easier for people to use.

