



Year 2 IT Around Us

Key vocabulary

Information Technology (IT)	The use of any computers in many forms of electronic devices.
Computer	A device for working with information.
Device	A piece of equipment designed to serve a special purpose or perform a special function.
Barcode	A way of storing numbers, printed in a way a computer can easily read.
Appliances	A piece of equipment for making a tool or machine suitable for a special purpose.
Signal	An event, message or data transmitted between computers.
Communication	The act of giving, receiving and sharing information (talking, writing, listening or reading)
E-Safety	Being safe on the internet.

Technology

- Technology is the name for man-made things that help us.
- Technology is all around us, and helps to make our lives easier.



Digital technology is the name for electronic items that create and store information, e.g. computers, mobile phones, and televisions.



Non-digital technology is the name for non-electronic items do not create and store information.



IT in the Home

There is lots of information in our homes. IT is used to:

- Control the tools and appliances that we use in the home, e.g. the panel for the heating, setting the washing machine, and programming the microwave.
- Help us to communicate with each other, e.g. mobile phones, telephones, the internet router.
- Entertain us, e.g. the information technology in toys, consoles and computer games.



IT in the World

There is also lots of information technology in the wider world.

- IT can be found in shops, e.g. barcodes, barcode scanners and tills - they all work together to scan your shopping items.
- IT can be found in ATMS, e.g. the bank card, chip and PIN card reader - they help you access your bank account.
- IT can be found outside, e.g. traffic lights, buttons and signals work together to tell you when to cross the road.



Information Technology

- Technology is the name for man-made things that help us.
- Information technology is made up of computers and things that work with computers.

-Information technology includes computers, for example desktop computers, laptops, games consoles, smart phones and tablet.



-Information technology also includes devices that work with computers, e.g. USB sticks, SMART boards and digital cameras.



Using Technology Safely

We can create and follow a number of rules to use technology safely, e.g.:

- Make sure that the games and apps that we access are age-appropriate.
- Always sit down when using devices. They can be broken if dropped!
- Do not use devices at social times, e.g. at the table. It is bad manners.

