

Year: 2

Term: Autumn 1

Topic: Computing - Information Technology Around Us

St Dennis Primary Academy

"Everyone matters, everyone succeeds, every moment counts"



Technology is something that has been made by people to help us.

Technology is '**man-made**' and not 'natural.'

Information technology (IT) includes computers (desktop computers, laptops, games consoles, iPads, smart phones) and things that work with computers (USB sticks, digital cameras and SMART boards).

There is lots of IT in our **homes** 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 one another, e.g. the internet router and the telephone.

Entertain us, e.g. the information technology in toys, consoles and computer games.



There is also lots of IT in the **wider world** which helps us:

IT can be found in shops, e.g. the barcode, barcode scanner and till all work together to scan your shopping items.

IT can be found in ATMs, e.g. the bank card, chip and PIN card reader help you to 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.



Glossary

barcode A secret code made of lines and spaces that stores information about something.

computer An electronic machine that helps us do many things, like playing games, watching videos, and learning new things.

information technology Using computers and other electronic devices to work with information.

scan Using a machine to read information.



We can create and follow a number of rules to use technology **safely**:

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.

Stick to using technology at agreed times. Too much screen time is not good for us!

If you see something upsetting online, make sure you tell a trusted grown up.

