



### Sticky Knowledge



- name the main parts of a computer
- use a mouse to click and drag
- type my name on a computer  
save my work to a file and open it again

### 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.
  - 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.



### I.T. in the Home

There is lots of information technology in our homes. I.T. 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 one another, e.g. the internet router and the telephone.

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



### I.T. in the World

There is also lots of information technology in the wider world

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

-I.T. can be found in ATMs, e.g. the bank card, chip and PIN card reader help you to access your bank account.

-I.T. can be found outside, e.g. traffic lights, buttons, and signals work together to tell you when to cross the road.



### How I.T. Improves Our World

-Information Technology helps us in lots of different ways in our daily lives.

-I.T. can help to make things quicker and easier. E.g. at the supermarket, the barcodes/ scanners quickly add up the product numbers and costs of the things that we want to buy.

-I.T. can also help us to stay safe. E.g. The traffic lights, buttons and signals help us to avoid traffic when crossing the road.

-I.T. also helps us to communicate with one another and have fun! E.g. it can connect us to the internet, and can allow us to play games, share and receive information.



### Important Vocabulary

Information Technology

Computer

Barcode

Scan