

# Year 1 Computing – Technology Around Us

## What I should already know

- To know and recognise computers at home and at school.
- To recognise and talk about familiar technology (e.g. apps, websites and online services).
- To understand how to interact with computers and technology as appropriate.

## Technology Around Us

- Technology is something that has been made by people to help us.
- Technology is 'man-made' and not 'natural.' Technology is things like computers, traffic lights, laptops, and iPads.
- Computers are a type of digital technology.
- Some of the different parts of a computer are the monitor, mouse and keyboard.
- There are some important rules to help us use computers safely.

KNOWLEDGE

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### 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.



### Using Technology Safely


When using technology, we should:

- Hold the device carefully and use it gently.
- Not have food and drink around the device.
- Only use the programs that we are supposed to be using.
- Take turns and stop using the device when we are being spoken to.



### Computers



- Desktop computers need to be put on a table or desk. Laptop computers are portable – they can be moved to different places.
- The screen (or monitor) displays what the computer is doing.
- The mouse lets you select and move objects (some computers have a trackpad instead).
- The keyboard lets you type letters and numbers.
- Computers can run different programs. Programs do different tasks on the computer. E.g. Microsoft Word, Microsoft PowerPoint and Paint.
- When we are using a program, we can save our work by clicking on this icon. 

### What I will learn by the end of this unit

- Identify what technology is and how it helps us.
  - Identify a computer and its main parts.
  - Use a mouse in different ways.
  - Use a keyboard to type.
  - Use a keyboard to edit text.
  - Create rules for using technology responsibly.
- Disciplinary Skills**
- Use technology purposefully to create, organise, store, manipulate and retrieve content.

### Key Vocabulary

technology	computer	screen
space bar	mouse	keyboard
program	safety	responsibly

### Using a Mouse



-The mouse can be used to click and drag.

-Clicking the left button lets us select something. Clicking twice quickly lets us open files and programs.



-Holding the left button down allows us to drag things.

### Using a Keyboard



-Writing on a computer is called typing. We do this on a keyboard.

-Holding the shift key, or pressing caps lock, helps us to type a capital letter.

-Delete and backspace buttons can help us to remove typing.