



COMPUTING SYSTEMS AND NETWORKS: Technology Around Us

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KNOWLEDGE ORGANISER

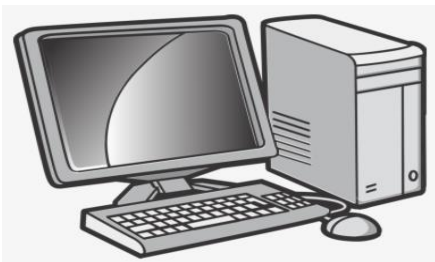


Sticky Knowledge

Technology Around Us



- Name 3 types of technology (computer, iPad, traffic lights, laptop, heating system).
- Locate the on switch of a desktop PC.
- Know that the shift key creates a capital letter.
- Backspace or delete can remove typing.



Important Vocabulary

Computers

Base Unit

Screen/ Monitor



Keyboard

Mouse

-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.

-When we are using a program, we can save our work by clicking on this icon.

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.



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.

Technology

Computer

Screen

Space bar

Mouse

Keyboard

Safely

Click

Drag

Responsibly