

Information technology around us — KNOWLEDGE ORGANISER



What I should already know?:



I have an understanding of technology and how it can help me in my everyday life. I will be familiar with the different components of a computer and developed my keyboard and mouse skills. I will also know how to use technology responsibly.

What I will know by the end of the unit:

To develop an understanding of what Information Technology (IT) is and the different devices that can be used in school and in the wider community.



Identify and understand the different examples and uses of IT. I will be able to explain why I use these different examples of IT within school.

Explore how IT is used within the wider community, including home and shops. Discuss how and why IT is used within these different environments.



Explore the benefits of using IT within the world focusing on how different devices all work together within a shop.

Consider how to use IT safely in a wide range of different environments. Talk about the different rules that would be associated with keeping safe when using IT. Know how to use these rules to keep me safe when using IT.



To think about and identify the choices that I make when using IT and understand the responsibility associated with the choices that I make. I can use IT for a range of activities and in a range of different ways.

Skills on show

- To describe some uses of computers.
- To identify information technology in school.
- To identify information technology beyond school.
- To show how to use information technology safely.
- To resize, drag and drop an image.



VOCABULARY	
Information Technology	The study, use, and development of computer systems for storing, processing, retrieving, and sending information.
Computer	A programmable machine that accepts and processes inputs and produces outputs (input, process, output; IPO) .
Barcode	A set of lines of different widths and sizes representing data, that when read help identify the scanned object.
Scan/Scanner	an optical scanner that can read printed bar-codes, decode the data contained in the barcode to a computer.

