

IT around us

Prior Learning:

In Year 1, I looked at different types of technology such as a computer. I looked at the different parts and had the opportunity to use a keyboard and mouse.

Key Vocabulary

device	a tool, machine, or piece of equipment invented to do a special, specific job
digital	using electronic tools and computers to store, send, or use information.
communication	as the sending, receiving, and sharing of information, ideas, and feelings
workplace	any place where people do their jobs

E-Safety Objective:

Self Image and Identity:

I can explain how other people may look and act differently online and offline.



Key Learning

What is IT?

How are computers used as part of information technology?
Where can we find information technology and how does it help people?

Why do we use information technology in shops and other places?

How can we use information technology safely?



The Big Question

Would life be different without IT?

Visual Vocabulary



This is a barcode. It is a special picture made of lines and spaces, or sometimes dots. It holds information, usually numbers, that a computer can read very quickly.



This is a scanner. is a machine used in supermarkets and shops that reads the barcodes on items to find out their name and price instantly.



This is a ATM machine. is a special machine that acts like an outdoor mini-bank.

Cross Curricular Links

*Mutual Respect
Togetherness*

Digital photography

Prior Learning:

In Year 1, I looked at different types of technology such as a computer to create a digital painting using paint software. I choose which tools to use to create my art.

Key Vocabulary

Digital, Camera	Is a special machine with a tiny computer inside that takes pictures and saves them as digital files instead of using film.
Capture	Is to collect, record, or save data so that a computer can use it later.
Lighting	Is the way software simulates how light hits objects in a video game, animation, or 3D world
Composition	Is putting smaller pieces, parts, or functions together to build a larger, more complex whole.

E-Safety objective:



Online bullying:

I can explain what bullying is, how people may bully others and how bullying can make someone feel.

Key Learning

What devices can I use to take a photograph?

Why might I choose portrait or landscape?

What makes a photograph good?

How can light and focus improve my photograph?

Can I trust every photograph I see?



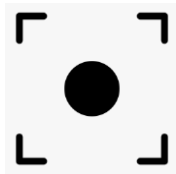
Visual Vocabulary



Edit- changing a photo or picture on a computer or tablet to make it look different or better.



Crop- to cut away the outside parts of a picture



Focus- to use tools to make the main subject stand out.

The Big Question

How can I capture, edit and improve photographs?

Cross Curricular Links

Mutual Respect