

Connecting computers

Prior Learning:

In Year 2, I looked at technology being used in the world around me, like in a shop or on the road.

Key Vocabulary

Computer network	is a set of devices connected together to share and send data electronically.
input	any device that sends data to a computer
Output	refer to the results produced by a computer or electronic device.
processes	The computer's brain takes the task and figures out how to do it.

E-Safety objective:



Self Image and Identity:

I can explain what is meant by the term 'identity'.

Key Learning

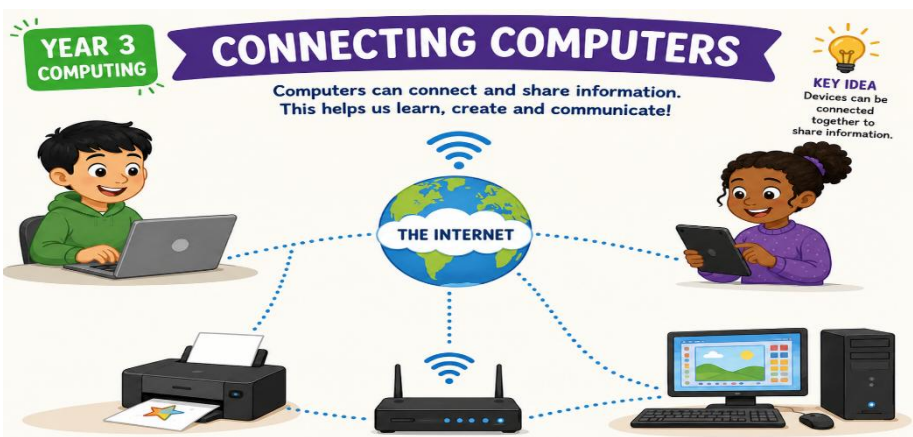
How does a digital device work?

How do inputs, processes and outputs help a computer work?

Are there times when it's better to use a non-digital tool rather than a digital device?

How do digital devices connect to other digital devices?

What is the job of a server and a wireless access point in a computer network?



The Big Question

How does a photo get from the tablet to the printer?

Visual Vocabulary



This is a server. It is a special computer that stores files, websites, and other data.



This is a wireless access point. It is a devices that allows wireless devices, like laptops and smart phones, to connect to a network without the use of wires.

Cross Curricular Links
Mutual Respect
Togetherness

Stop frame animation

Prior Learning:

In Year 2, I used an iPad to capture photographs and edit them.

Key Vocabulary

Stop-frame animation	A way of making static objects look like they are moving.
Animation	Making still pictures, drawings, or objects appear to move
Media	Moving pictures captured on a camera or put together using animation

E - Safety objective:



Online bullying:

I can describe appropriate ways to behave towards other people online and why this is important.

Key Learning

- How can a sequence of pictures create movement?
- How can I use small changes between frames to create movement?
- How can I plan a stop-frame animation to tell a story?
- How can I create, review and improve my stop-frame animation?
- How can I use sound and text to improve my animation?



The Big Question

How can I create a stop-frame animation to tell a story?

Visual Vocabulary

	Storyboard- a plan made of simple drawings and notes in boxes that shows what will happen in a video, animation, or game before you make it.
	Frame- a single, static picture or photograph that makes up one individual step of a moving animation or video
	Onion skinning- lets you see faint, see-through versions of the frames you just drew while you are working on your current frame.

Cross Curricular Links

Mutual Respect

- English - Storytelling
- RE - Hindu Stories