

Year 3 Autumn 1 Computing – Networks and the Internet?



Big Question

What is the difference between a network and the internet?

Key Vocabulary for the unit:

Internet: Such as images, music and documents. A worldwide network, enabling tens of millions of computers around the globe to share vast amounts of information.

Network: When more than one electronic device is connected in a network to share files and information.

Router: The main device responsible for providing internet access to a network and can be connected to through a wired connection or Wi-Fi.

Server: A computer or computer program that provides data and information to other computing devices.

The Cloud: Refers to data and files that are stored and accessed on servers via the internet.

Wi-Fi: When you have, or can connect to a network that is wireless.

Wired: An electronic device is considered 'wired' when it is connected to the network through cables.

Wireless: An electronic device is considered 'wireless' when it is connected to the network through signals.

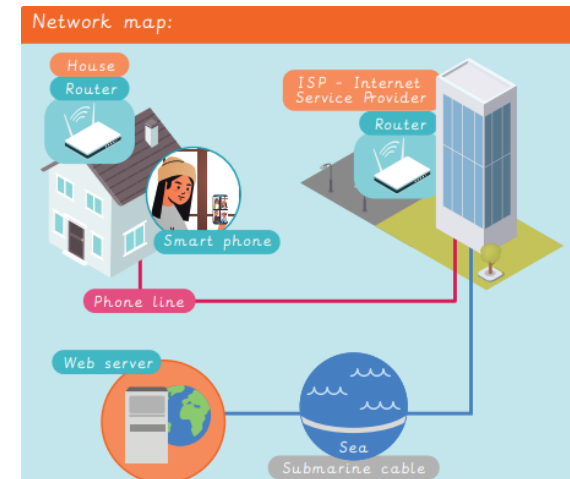
Powerful knowledge/skills for this unit:

- ◆ To understand what a network is and how a school network might be organised.
- ◆ To know that a server is central to a network and responds to requests made.
- ◆ To know that a router connects us to the internet.
- ◆ To know how the internet uses networks to share files.

What I should already know from year 2:

- ◆ To know the difference between a desktop and laptop computer.
- ◆ To know that people control technology.
- ◆ To know some input devices that give a computer an instruction about what to do (output).
- ◆ To know that computers often work together

Useful diagrams for the unit:



The internet can be used for:

