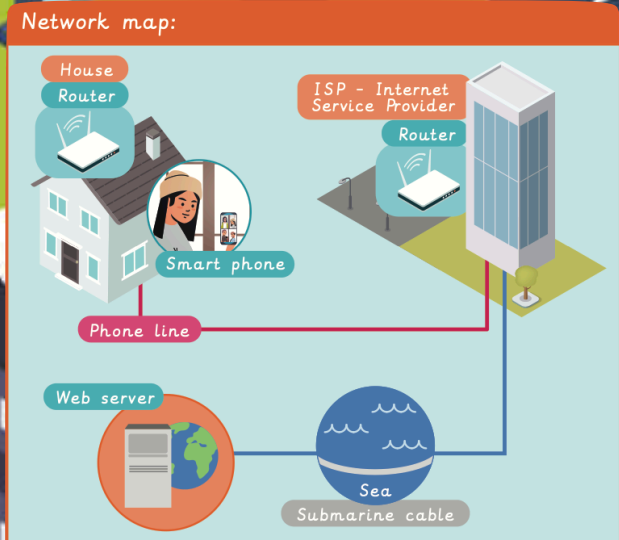


Year 3 - Network and the Internet - HT1

Key Vocabulary

Device	Equipment created for a certain purpose or job.
DSL	Digital Subscriber Line. An internet connection for rural areas, where wired services are not available. It uses communication satellites to send and receive data and is a slower internet connection than wired connections.
File	An item on a computer that can keep data in various forms such as images, music and documents.
Internet	A worldwide network, enabling tens of millions of computers around the globe to share vast amounts of information, and communicate with other online users across the globe.
Network	When more than one electronic device is connected in a network through the internet or a local connection in order to share files and information.
Network map	A diagram that shows what type of and how many devices are on a network. It also shows how they are connected to each other.
Network switch	A device that deals with the movement of network information.
Router	The main device responsible for providing internet access to a network, and can be connected to through a wired connection or WiFi.
Server	A computer or computer program that provides data and information to other computing devices.
Submarine cables	Cables that run under the sea to allow information to be accessed and (shared around the world or across continents.)
The Cloud	Refers to data and files that are stored and accessed on servers via the internet.
WiFi	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.
Wireless access point	A device that enables other electronic items to connect wirelessly to the internet.



The internet can be used for:

- Communicating (email, video call, voice call etc.)
- File sharing
- Websites
- Uploading and downloading files
- Streaming media (videos, music etc.)
- Playing online games

To know statements	✓ X
I know how to recognise that a network is two or more devices connected and showing this information in a poster which combines text and images	
I know how to Recognise that files are saved on a server and that they travel through wireless and wired connections rather than travelling directly	
I can understand that networks connect to the internet via a router and explain parts of the journey a website goes through to reach your computer	
I know how to explain that routers connect us to the internet and suggest what they have to do so a website reaches a computer	
I can explain that websites are split into small pieces to be sent via the internet and that packets are encoded with information to get to the right place	

What can you remember from previous units?

What is the internet? What do you know about it? How is it used?

Anything else you have learnt? What have you enjoyed?

