

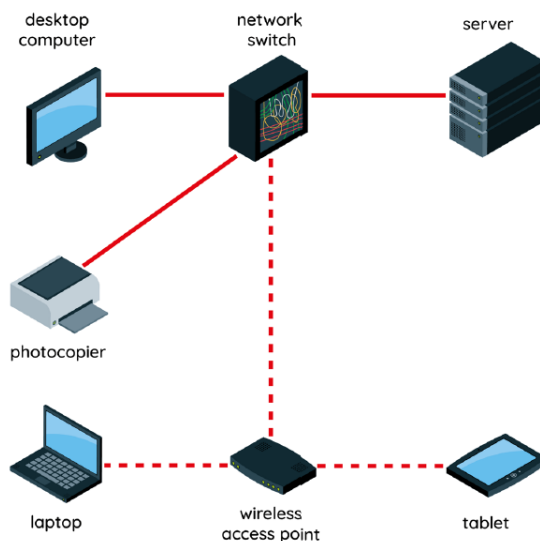
Curriculum overview

We will learn how computers and other devices communicate with each other through networks and explore the different devices that make up a network. We will also learn about wireless connections and the cloud, and consider how these technologies are used in everyday life.

Key vocabulary

network	A group of computers and devices that are connected so they can share information and resources.
Network switch	A device that connects computers and other devices together on a network so they can communicate with each other.
router	A device that sends information between your network and other networks, such as the internet.
server	A computer that stores information or provides services for other computers on a network.
user	A person who uses a computer, phone, tablet, or other technology.
wireless	Sending information without using cables, usually using radio signals such as Wi-Fi.
the cloud	A way of storing and accessing files and information on computers connected to the internet.

Our topic is...



Networks

Sticky knowledge

A network is a group of interconnected devices.

Components that make up a network are: Wireless access point/WAP, Network switch, Router, Server and devices.

A server is central to a network and responds to requests made.

The internet connects all the networks around the world.

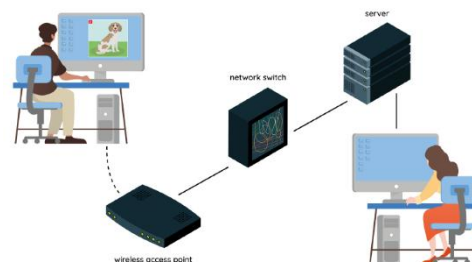
A router connects us to the internet.

File types



Different files can be sent through a network, including: music, videos and photos.

File sharing



When a file is shared it travels through the server, network switch and the wireless access point until it reaches the other user.

