



? What are we learning with Networks and Systems?

Computer networks are used in schools or businesses where there are multiple devices available. Computer networks connect these devices to a server where files can be stored and then re-accessed from any other device. We will also explore cloud computing and compare the similarities and differences between this and a simple network system.



National Curriculum Content

Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.

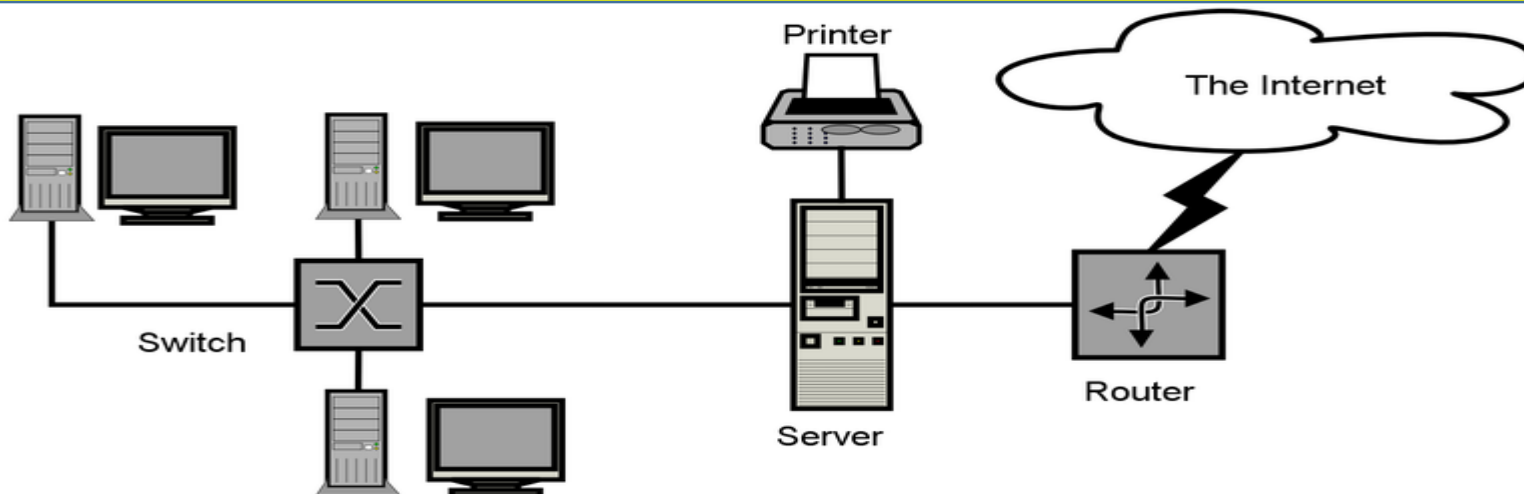
📖 Key knowledge

- Computer networks connect multiple PCs to a server where all the files are stored (like in schools or businesses)
- Worked saved on networks can be accessed through any device connected to the network (providing the user has logged in)
- Cloud computing means files are stored on servers which means they can be accessed on any device connected to the internet.



Key Vocabulary

server	The heart of a network where all the files are saved
WAP	(Wireless Access Point) converts wired data into data that can travel through the air
Router	Connects the network to the internet
Firewall	Software that helps stop harmful files getting onto the network
IP Address	A string of unique numbers helping to find the location of a device.



Year 5

Computer Networks and the Internet

