UKS2 Knowledge Mat – Networks

Subject Specific Vocabulary

Hub/switch	The connection point for networks where data packets from many locations converge and are then sent out to different devices.
Internet	A global computer network providing a variety of information and communication facilities consisting of interconnected networks using standardized communication protocols.
Local area network (LAN)	A computer network that links devices within a building or group of adjacent buildings, especially one with a radius of less than 1 km.
Wide area network (WAN)	A collection of local-area networks (LANs) or other networks that communicate with one another over a large physical area or even globally.
Network	Several interconnected computers, machines, or operations.
Router	A device which forwards data packets to the appropriate parts of a computer network.
Wi-Fi	A facility allowing computers, smartphones, or other devices to connect to the Internet or communicate with one another wirelessly within a particular area.
World Wide Web	An information system on the Internet which allows documents to be connected to other documents by hypertext links, enabling the user to search for information by moving from one document to another.

Sticky Knowledge

- ❑ I understand what the Internet consists of.
- ❑ I know what a LAN is and a WAN and the difference between them.
- ❑ I can find out how the internet is accessed in our school.
- ❑ I can use research skills to find out about the age of the internet.
- ❑ I can think about what the future might hold in terms of the internet, partake in discussions and share my ideas.



purple mash



Aspirations

Web designer
IT Technician
IT Manager
Software developer
Social media

Crucial Connections

https://kids.britannica.com/kids/article/Tim-Berners-Lee/626687

https://www.bbc.co.uk/bitesize/topics/z3tbwmn/articles/zgwnsbk#:~:text=Internet%20%E2%80%93%20A%20giant%20network%20of,www%20%E2%80%93%20A%20library%20of%20websites.