

Key Vocabulary

Research Year 6

Internet

A vast, global network of connected devices providing a variety of information and communication services including the www.

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.

Router

A device which forwards data packets to the appropriate parts of a computer network.

Servers

computer set up to provide internet services

DNS

(Domain name server)

DNS - provides the IP address of web servers holding web pages

Client

A computer used to access services on the internet

Selecting and ranking

every Search Engine uses its own algorithm to rank webpages making sure that only relevant results are returned for the query of the client.

Sticky Knowledge

Know the journey of how we view a webpage and the role of each piece of hardware that creates our connected world—the internet.

Client→ Router→ DNS→ Sever→ Router→ Client.

Know that Search engines rank results by using an algorithm that looks for features on a webpage: links to the page, the search term in the heading, sub headings and main texts.

The web page scores a point for each and then the highest scoring page is ranked top.



Who is Tim Berners-Lee?

Tim Berners-Lee is the inventor of the World Wide Web. The WWW is the system that delivers webpages over the internet.