Year 6
Networks
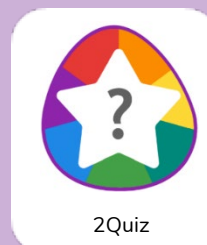
Key Learning

- To understand what a computer network is and identify examples of networks at home, school and in the wider world.
- To understand the difference between the internet and the World Wide Web and explore the services they provide.
- To explore how the internet can be used for communication and collaboration, and how to do this safely and respectfully.
- To explore who is in charge of the internet and how rules and website blocking can affect people, society and online platforms.

Key Resources

2Connect

2Quiz

Key Vocabulary

Email
A method of sending messages over the internet.

Network
A group of connected computers and devices that can share information.

Web Browser
A program used to look at websites.

Internet
A global WAN that connects millions of computers and networks around the world.

Router
A device that connects networks together to allows them to communicate.

Website
A collection of pages of information on the Web.

Internet Chat
Instant messaging in real-time.

Video Call
Seeing and hearing someone live on your screen.

Wi-Fi
A wireless way to connect devices to a network.

LAN (Local Area Network)
A network in a small area like a home, school, or office.

WAN (Wide Area Network)
A network that covers a large area, like the internet.

World Wide Web (WWW)
A service on the internet that includes websites and web pages.

purple mash
2simple

Year 6
Networks

Key Images

Local Area Network

Wide Area Network

Router

Chrome

Safari

Firefox

Edge

Key Questions

What is the difference between a LAN and a WAN?

A LAN (Local Area Network) connects computers and devices in a small area like one building, such as a school, office or home.

A WAN (Wide Area Network) connects computers across large areas, like different cities or countries, often using the internet to link them together.

What is the difference between the internet and the World Wide Web?

The internet is the global network that connects computers together.

The World Wide Web (WWW) is part of the internet and is made up of websites and web pages you can visit.

Why does a school network filter out access to some websites?

A school network filters some websites to keep children safe online.

It blocks harmful, distracting, or inappropriate content, helping students focus on learning and protecting them from dangers like scams or viruses.

purple mash
2simple