

Kit's Guide to the World Wide Web

Plug into the Power of Networks: Connect, Communicate, and Create!

- A computer network is a collection of devices linked together to share information, hardware, and resources efficiently.
- Servers are powerful computers that store data and wait for requests from 'clients', like your school laptop or tablet.
- Routers act like digital traffic controllers, directing data packets to their correct destination across the network.
- The World Wide Web is a service that runs on the internet, allowing us to access pages and media using web browsers.
- Protocols are the set of 'rules' that computers must follow so they can understand each other when they send and receive messages.

Did you know? Did you know? The internet is not a single physical object! It is a vast, global network of interconnected computers, cables, and satellites that allows data to travel across the planet in milliseconds. Even as you read this, information is being broken down into tiny 'packets' and zipped across the world to reach your screen.

Key vocabulary: Network · Server · Client · Router · Packet · Internet · Protocol · Bandwidth