

Computer Networks – The internet - Year 5

Key vocabulary	Definition
LAN	Local Area Network. Computers and devices that connect in an area such as a school, home, university.
Internet	The world system of interconnected computer networks.
World Wide Web	The collection of web pages available on the internet.
Server	Stores everybody's documents in our LAN. It provides documents, data and programs to PCs, laptops and iPads. (Ours is in the front office.)
Switch	Allows lots of devices to talk to each other. A bit like a junction in a road. (Ours is by the photocopier.)
Router	Directs data packets on the internet to devices.
Modem	Connects your network to the internet.
Firewall	A security device that monitors and filters network traffic. It allows things from the internet to come in and out of our LAN.
Desktop PC	A computer designed to be used in one place such as at a desk.
Laptop PC	A computer designed to be put away or used on the move.
Tablet PC	A computer that is very portable and has a touch screen. We have iPads.
Wi-Fi	Wireless internet. (The Fi doesn't actually stand for anything.) Allows device to exchange data by radio waves (without wires).
IP	Internet Protocol. Tells the data where to go and how to get there.

Key Knowledge and Learning:

Understand the difference between the internet and the World Wide Web.

Understand that the internet provides many different services.

Know about the key components of a network and how networks work.

Understand what an IP (Internet Protocol) address is.

