

Year 5: Computing—Systems and Networks

Computer Systems

Computer systems enable information to be shared between devices. This can happen on a small scale between two devices on a large scale between multiple devices. All computers contain an input and an output with a process in between. Every computer has an IP address which makes it unique



An IP address is made up of 10 digits.

192.168.1.200

A system:

Order point



Warehouse



Collection point



When someone orders package, a system ensures it is delivered. The order point is the Input. The process takes place in the warehouse where the item is found. The output is the customer receiving their package.

KEY VOCABULARY:



Device –An electronic instrument made for a purpose.



Network: A group of connected devices.



Input: Where information enters a computer systems. (button, keyboard etc)



Address: A destination where something lives. E.g a house or a device.



Output: Where information leaves a computer systems. (screen, light, sound)



Packet: A piece of information broken into small parts.



System: A set of devices working together connected by a network.



Explore: To search for something. In computer systems, searching is a way of finding information.

Network:

When devices link up a network is created. Information can be passed through the network. This enables information to travel in the fastest route. If one device isn't working a network enables the information to travel through another path.

