

What should I already know?

- Developing ideas about the concept of technology that we are surrounded by and its purpose Understanding that many devices use computational technology.
- Exploration of what the Internet is and how devices allow connections to access functions and the World Wide Web. Searching and sharing
- Using device functions for 2-way communication via the World Wide Web.
- Understanding of the 2-way communication technologies using algorithms that run of the hardware.
- Understanding of the connections and communications between devices and device capabilities..
- Use of 2Dos, saving, opening and editing work, sharing work , copying and pasting , mouse, keyboard and device skills.

What will I know by the end of the unit?

What are the different parts that make up a desktop computer?

- You will be able to name the different parts of a desktop computer.
- You will know what the function of the different parts of a computer is.

How do I recall the different parts that make up a computer?

- You will create a leaflet to show the function of computer parts. .



Motherboard



CPU



RAM



Graphics card



Network card



Monitor



Speakers



Keyboard



Mouse

Key Vocabulary

- **Components** Parts inside the computer casing.
- **CPU** The 'brains' of the computer, where all the calculations take place.
- **Graphics Card** Also known as a video card and used for displaying images.
- **Hard Drive** Where the computer stores all your documents, pictures, games and videos.
- **Input** How information enters the computer.
- **Motherboard** Main printed circuit board of the computer.
- **Network Card** Used to connect the computer to a network such as the Internet.
- **Output** Where information leaves the system.
- **Peripherals** Parts that are attached to the computer case.
- **RAM** Allows programs to store information to help the computer run quickly.
- **Software** The programs that run on the computer.

Key Questions

- What is the difference between hardware and software?

Hardware refers to the physical parts of a computer or device. The parts inside the computer casing are often called the components. The parts that are attached to the computer case are called peripherals. Software describes the programs that run on the computer.

Purple Mash Resources

- 2Connect
- 2Quiz



2Connect



2Quiz