

Computer Science Year 4

Hardware Investigators

Key Vocabulary

Motherboard	A printed circuit board containing the main parts of a computer or other device, with connectors for other circuit boards to be slotted into.
CPU	The part of a computer in which operations are controlled.
RAM	Allows programs to store information to help the computer run more quickly.
Graphics card	A printed circuit board that controls the output to a display screen.
Network card	An electronic device that connects a computer to a computer network.
Monitor	A screen which displays an image generated by a computer.

Keyboard, speakers and mouse
External devices

Sticky Knowledge

Recall the names of at least 4 parts that make up a computer and their function. (Mother board, CPU, RAM, graphics card, network card, monitor, speakers, keyboard and mouse) (see knowledge organiser)

Know that Hardware is 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.

What is the difference between hardware and software?



Motherboard



CPU



RAM



Graphics card



Network card



Monitor