

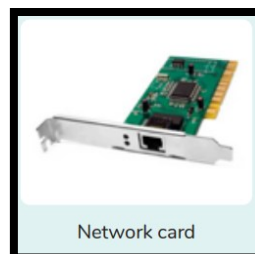
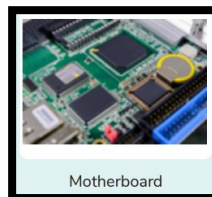


Year 4 Computing: **Hardware Investigators**

Prior Learning

'We are Network Engineers' (Year 3)

- I can describe the way hardware works to connect computers.
- I know some of the ways that data is passed across the internet.
- I understand how computers can be linked to web browsers abroad.
- I know that I must be careful about sharing personal information.



Sticky Knowledge

- I understand and can name the different parts that make up a computer.
- I understand the difference between hardware and software.
- I know how to use equipment responsibly.

Vocabulary

motherboard	A printed circuit board containing the main parts of a computer or other device, with connectors for other devices to be slotted into.
CPU (central processing unit)	The part of a computer in which operations are controlled.
RAM (random access memory)	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.
speakers	A device for letting you hear sounds generated by the computer.
keyboard and mouse	External input devices.