Name:

Hardware

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| **C** | **Network media vocab** | |
| **Cat 5e/ Cat 6** | | Common types of UTP |
| **Coaxial cable** | | Single copper wire surrounded by a metallic mesh for shielding |
| **Fibre optic cable** | | Glass or plastic cable where data is transmitted as light |
| **Shielding** | | Anything which goes around a data carrying wire to absorb interference |
| **Unshielded Twisted Pair (UTP)** | | A type of copper wire which is often used for wired networks |
| **Wireless** | | Without wires |

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| **D** | **Network hardware** | |
| **Hub** | | A device which receives signals and rebroadcasts it to all connected nodes |
| **Repeater** | | A device which listens for a signal and then resends it on to help reduce data collisions |
| **Router** | | A device which connects networks together, and also splits data into packets, and forwards packets onward |
| **Server** | | A computer which provides services for the rest of the network |
| **Switch** | | A device which receives data and sends it only to the intended destination |

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| **B** | **Peripherals** | |
| **Peripheral** | | Input, output or storage device which is not integral to the computer |
| **Input device** | | A device which introduces data to the computer |
| *eg mouse, keyboard, microphone, webcam, scanner, digital camera, touchscreen, controller, accelerometer* | | |
| **Output device** | | A device which displays or transmits data from the computer |
| *eg speaker, screen, printer, headphones, buzzer, motor* | | |
| **Storage device** | | A device which can hold, read and write data |
| *eg HDD, DVD drive, CD drive, USB stick, SD card reader* | | |
| **Dongle** | | A device which attaches to a networked computer and makes it behave like a WAP |

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| **A** | **Integral hardware** | | |
| **Central Processing Unit** | | CPU | Main processing unit of the computer, comprising the Arithmetic and Logic Unit, the Control Unit and the immediate access store |
| **Network Interface Controller** | | NIC | The part of the computer which connects to networks |
| **Hard Disk Drive** | | HDD | The storage hardware which stores data permanently |
| **Heat sink** | |  | A device which draws heat away from any component which is likely to overheat |
| **Graphics Card** | |  | A piece of hardware which contains the GPU |
| **Graphical Processing Unit** | | GPU | Dedicated processor for rendering images |
| **Motherboard** | |  | The printed circuit board on which the CPU is installed, with connectors to peripherals |