# Journey inside a computer

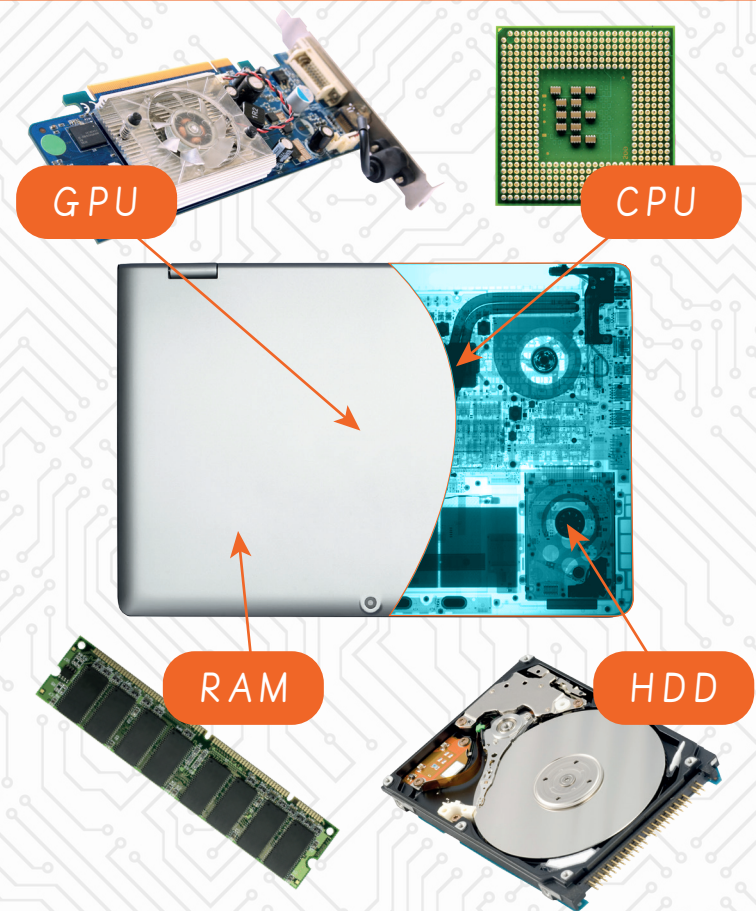| | |
|---|---|
| Algorithm | A sequence of instructions when followed, solve a problem. |
| Computer | Electronic machines that accept information, process this information, produce an output from the information, and then store the results. |
| Computer Program | A series of instructions, which are written for a computer to follow, using inputs and outputs to produce an outcome. Also known as software or applications (apps). |
| CPU | Stands for 'Central Processing Unit'. It is the brains of a computer and deals with all of the data it receives from input and output devices, as well as programs ran within the computer. |
| Data | Is information used for a specific purpose or investigation. |
| Desktop | A tower computer that needs a mouse, keyboard and monitor, that stays in one place. |
| GPU | Graphics Processing Unit. It is a piece of hardware that is used to help generate 2D and 3D images for programs such as games. |
| Hard disk drive HDD | Is either an internal or external device that can store information such as files, documents, images and programs. |
| Instructions | A series of steps that need to be performed in order. |
| QR code | Quick Response code, it is presented similar to a bar code and when scanned, can take you to a specific website or provide information. |
| RAM | Random Access Memory. A piece of hardware that allows data to be recalled or stored within a computer. |
| ROM | Read Only Memory. Information stored within ROM can only be read and not edited. |
| Tablet | A moveable or portable compact electronic device, which can be used with one or both hands. |
| Trackpad | An input device commonly found built into laptops. It is used to move the cursor with the touch of your finger, some allow for multiple finger gestures. |

Scan each of these quick response codes, with a QR scanner app or device and see where they go!

# Key facts

Computer parts inside of a laptop:

GPU    CPU

RAM    HDD

Other portable electronic devices:

Tablet

Smartphone