

New vocabulary to introduce at EYFS

Algorithm - A precise, step-by-step guide to solve a problem or achieve a particular objective.

Camera - A piece of technology used to capture photographs or video. It could be a standalone device or embedded in a device such as a laptop, tablet or smartphone.

Computer - Any device that takes input, processes it, then produces output.

Control - using computers to move or otherwise change 'physical' systems. The computer can be hidden inside the system or connected to it.

Information - the meaning or interpretation given to a set of data by its users, or which results from data being processed.

Instructions - A guide how to do something. Instructions can be put into a sequence to create an algorithm

Internet - the global collection of computer networks and their connections, all using shared protocols (TCP/IP) to communicate.

Keyboard - An input device for a keyboard made up of many keys including the letters of the alphabet, numbers and a range of special characters.

Printer - An output device that transfers a document or image from the screen of a device to paper by printing it with ink.

Program - (verb) To give a series of instructions to a machine so that it will perform a task automatically.

QR code - A QR code (short for "quick response" code) is a type of barcode that contains a matrix of dots. It can be scanned using a QR scanner or a smartphone with built-in camera.

Robot - A machine that is programmable to carry out a series of actions automatically. Robots usually have the ability to sense, think and act with the help of sensors and a computer in, or attached to it.

Sequence - To place programming instructions in order, with each executed one after the other.

Tablet - A type of computer that is very slim and primarily operated by a touchscreen. Tablets usually have motion sensors and a camera built into them and run software called apps (applications).

Technology - machinery and equipment developed from the application of scientific knowledge.