



Langafel C of E Primary School

Computing – Vocabulary Progression

Foundation Stage

Vocabulary	Definition
Rules	A set of guidelines based on ideas about what is right and wrong.
Screen	A flat panel or area on an electronic device such as a television, computer, or smartphone, on which images and data are displayed.

Key Stage 1 [KS1]

Vocabulary	Definition
Algorithm	A precise set of ordered steps that can be followed by a human or a computer to achieve a task.
Attribute (Property)	A word or a phrase that can be used to describe an object such as its colour, size or price.
Code	The commands that a computer can run .
Code Snippet	A section of a program viewed in isolation.
Command	A single instruction that can be used in a program to control a computer .
Computer	A programmable machine that accepts and processes inputs and produces outputs (input, process, output, IPO).
Data	A letter, word, number etc. that has been collected for a purpose, but stored without context.
Debugging	The process of finding and correcting errors in a program .
Information	Data put into a context that provides meaning.
Information Technology	The study, use, and development of computer systems for storing, processing, retrieving, and sending information.
Object	Something that can be named and has other attributes (properties) , which can be labelled.
Program	A set of ordered commands that can be run by a computer to complete a task.
Property (Attribute)	A word or a phrase that can be used to describe an object such as its colour, size or price.
Run (Execute)	To action the commands in a program .
Technology	The use of scientific knowledge for practical purposes.

Vocabulary	Definition
Algorithm	A precise set of ordered steps that can be followed by a human or a computer to achieve a task.
Attribute (Property)	A word or a phrase that can be used to describe an object such as its colour, size or price.
Browser	See: Web Browser
Code	The commands that a computer can run.
Code Snippet	A section of a program viewed in isolation.
Command	A single instruction that can be used in a program to control a computer .
Computer	A programmable machine that accepts and processes inputs and produces outputs (input, process, output, IPO).
Computer Network	A group of interconnected computing devices.
Computer System	A combination of hardware and software that can have data input to it, which it then processes and outputs . It can be programmed to perform a variety of tasks.
Condition	A statement that can be either True or False.
Condition-Controlled Loop	See: Loop (Condition – Controlled)
Count-Controlled Loop	See: Loop (Count-Controlled)
Data	A letter, word, number etc. that has been collected for a purpose, but stored without context.
Data Set	A collection of related data .
Debugging	The process of finding and correcting errors in a program .
Decompose	To break down a task into smaller, more achievable steps.
Digital Device	A computer or a device with a computer inside that has been programmed for a specific task.
Domain Name	The part of a website's URL that is user friendly and identifies that it is under the control of a particular person or organisation, e.g. raspberrypi.org
Execute (run)	See: Run.
Hardware	The physical parts of a computer system .
HTML (HyperText Markup Language)	A standardised language used to define the structure of web pages .
Hyperlink	(Also: link, weblink) Text or media that when clicked, takes the user to another specified location (URL).
Infinite Loop	See: Loop (infinite).
Information	Data put into a context that provides meaning.
Input	Data that is sent to a program to be processed .
Input Device	A piece of hardware used to control, or send data to, a computer .
Internet	The global system of interconnected computer networks .
Loop	(Count-Controlled, condition-controlled, or infinite) Commands that repeatedly run a defined section of code .
Loop (Condition-Controlled)	A command that repeatedly runs a defined section of code until a condition is met.

Loop (Count-Controlled)	A command that repeatedly runs a defined section of code a predefined number of times.
Loop (Infinite)	A command that repeatedly runs a defined section of code indefinitely.
Network	See: Computer network.
Object	Something that is uniquely identifiable and has attributes .
Output	The result of data processed by a computer .
Output Device	A piece of hardware that is controlled by outputs from a computer .
Procedure	A named set of commands that can be called multiples times throughout a program . This type of subroutine does not return a value.
Process	A program , or part of a program , that is running on a computer .
Program	A set of ordered commands that can be run by a computer to complete a task.
Repetition	Part of a program where one or more commands are run multiple times in a loop .
Router	A device that manages the flow of data between computer networks .
Run (Execute)	To action the commands in a program .
Selection	Part of a program where if a condition is met, then a set of commands is run .
Server	A networked computer that manages, stores , and provides data such as files to other computers.
Software	The programs used to control computers and perform specific tasks.
Stored (Data)	Data kept digitally so that it can be accessed by a computer.
Subroutine	A named sequence of commands designed to perform a specific task.
Switch (Network Switch)	A device that manages the flow of data packets within a computer network .
URL (Uniform Resource Locator)	The address of a file on the internet .
Variable	A named piece of data (often a number or text) stored in a computer's memory, which can be accessed and changed by a computer program .
Web	See: WWW (World Wide Web)
Web Address	See: URL (Uniform Resource Locator)
Web Browser	A program used to view, navigate, and interact with web pages .
Web Page	
Website	A collection of interlinked web pages , stored under a single domain .
WiFi	A technology that allows devices to wirelessly access a network and transfer data .
WAP (Wireless Access Point)	A network device that allows wireless computing devices to connect to a wired network .
WWW (World Wide Web)	A service provided via the internet that allows access to web pages and other shared files.