



## Computing Key Vocabulary

4.1

Key Vocabulary	
And	Using two terms to search a database, E.g. Find all the boys with brown hair
Branching Database	A method for classifying objects. If designed correctly, it can be used to identify an object
Data	Raw numbers and figures
Field	A data structure for a single piece of information in a database, E.g. hair colour, eye colour
Information	Knowledge about a subject
Or	To search a database for one item or another, E.g. Children with blue or brown eyes
Organise	To arrange or order things or events systematically
Search	To look through a database for a word or group of words
Sort	To put the information in the database into an order



## Computing Key Vocabulary

4.2

Key Vocabulary	
Algorithm	A precise set of ordered steps that can be followed by a human or a computer to achieve a task
Code	The commands that a computer can run
Debug	To find and correct errors in a program
Forever	When an algorithm is repeated indefinitely until told otherwise
Loop	An instruction that repeats until a specific condition is met.
Repeat	A type of loop; instructions that are repeated a given number of times
Sequence	A set of instructions that are followed in order
Variable	A named piece of memory that holds a value, E.g. points in a game or number of lives



## Computing Key Vocabulary

4.3

Key Vocabulary	
Algorithm	A precise set of ordered steps that can be followed by a human or a computer to achieve a task
Debugging	The process of finding and correcting errors in a program
Input	Data that is sent to a program to be processed
Programming	The process of creating instructions for a computer to follow in order to perform certain tasks
Repetition	Part of a program where one or more commands are run multiple times in a loop
Selection	Part of a program where if a condition is met, then a set of commands is run
Sequence	A set of instructions that are followed in order
Tinker	To explore and experiment with a device or some software



## Computing Key Vocabulary

4.4

Key Vocabulary	
Audio	Sound recorded, processed or produced as an output
CGI (Computer Generated Imagery)	The use of computer graphics in art and media
Green Screen	A process where an image or video is created using a green background, allowing any image to replace the background.
Image	A picture that is taken or stored using a computer or device
Special Effects	A method of creating images that do not exist in real life
Text	On-screen words and letters
Video	A recording of an image or of moving images



## Computing Key Vocabulary

4.5

Key Vocabulary	
Image	A visual representation or picture of something
Keyword	A word or phrase that is used to represent a particular topic or subject in a search
Personal data	Information that is specific to an individual, such as their name, age, address, or telephone number
Reliable	Online information that can be trusted
Search Engine	A program or website that is used to search and find information on the internet by using keywords
Sharing	The act of giving, exchanging, or distributing something with others
Website	A collection of web pages that are connected and accessed through the internet



## Computing Key Vocabulary

4.6

Key Vocabulary	
Algebra	A system of logical reasoning that uses letters and symbols to represent numbers and quantities in equations and formulas
Binary	The language computers use. It is a series of 1s and 0s
Columns	A vertical line of data
Formula	A set of mathematical instructions or rules that help solve a problem or perform a calculation
Pixel	The smallest unit of a digital image or a picture on a computer screen
Rows	A horizontal line of data
Spreadsheet	A file that exists of cells in rows and columns and can help arrange, calculate, and sort data