



VOCABULARY PROGRESSION – Computing

	<u>Key Stage 1</u>	<u>Lower Key Stage 2</u>	<u>Upper Key Stage 2</u>
<p><u>Computer Science, Digital Literacy and Information Technology</u></p>	<ul style="list-style-type: none"> • algorithm: a sequence of instructions or a set of rules to get something done • command: an instruction that can be used in a program • program: an algorithm or algorithms which can be run by a computer • to debug: to find and fix errors in algorithms • decomposition: the process of breaking down a task into smaller, more-manageable parts • computer: a type of machine that can follow instructions and do useful things • sequence: to arrange instructions in a particular order 	<ul style="list-style-type: none"> • computer: a machine that can input, process and output data • program: an algorithm or algorithms which can be run by a computer • code: the commands that a program can run (eg the blocks in Scratch) • repetition: to repeat the execution of certain instructions • logical reasoning: helps us explain why something happens • sprite: a 2d character in a computer game • decomposition: the process of breaking down a task into smaller, more-manageable parts • input: data sent to a computer system from a device (eg keyboard, mouse, microphone) • output: data sent out of a computer system via a device (eg monitor, printer, speaker) • decomposition: the process of breaking down a task into smaller, more-manageable parts • world wide web: 'www' or 'web' for short is a collection of web pages of 	<ul style="list-style-type: none"> • repetition: to repeat the execution of certain instructions • selection: choosing to execute one set of instructions over another • variable: a value that can be set and changed throughout the running of a program (eg a timer, a score, a number of lives left) • simulation: modelling a real-world or imaginary situation • computer network: a collection of interconnected computer systems which 'talk' to each other by exchanging data • computer: a machine that can input, process, store and output data • search engine: program that searches for and identifies items on the internet using complex algorithms • HTML: What appears on a web page and its formatting



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		<p>digital content found on the internet</p> <ul style="list-style-type: none">• internet: a huge global computer network	
<p><u>E-Safety</u></p>	<ul style="list-style-type: none">• password: a string of letters, numbers or symbols which give you access to something (eg a computer, a service like Numbots)• personal information: information that can be used to identify you (eg age, school, address, password)• appropriate: something that is suitable• advert: adverts (advertisements) encourage you to buy things• online: a device is online if it is connected to the internet; a person is online if they are using a device connected to the internet	<ul style="list-style-type: none">• digital footprint: information about a particular person that exists on the internet as a result of their online activity and is difficult to remove• age-restriction: an age, under or over which, something can or cannot be done• to post: to publish online a piece of writing, image or other item of digital content (this would be called 'a post')• pop-up advert: a form of advertising that suddenly appears ('pops up') when online	<ul style="list-style-type: none">• social media: apps and websites that allow you to connect with people and share information, ideas and opinions• bot: an online 'robot' that performs automated, repetitive tasks, deliberately behaving like a human, but much faster• disinformation: deliberately false information• misinformation: accidentally false information• to phish: to send fake emails that appear to be from reputable companies so that someone might



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		<ul style="list-style-type: none">• anonymous: a person not named or identified• troll: a person who deliberately tries to create conflict in an online community to provoke anger or upset• secure password: a password that is hard to identify by both humans and the computer	<p>mistakenly share personal information</p> <ul style="list-style-type: none">• cookie: websites use cookies to help them remember the web pages you've looked at• hate crime: a crime (eg online abuse and threats) where the perpetrator is hostile towards a victim's protected characteristic
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