



Y2 Computing Medium Term Plan

	Autumn 1	Spring 1	Summer 1
Topic	London's Burning E-Safety	To Infinity and Beyond Learning to be Creators (e-safety review)	Let's Go on Holiday Computer Scientists (e-safety review)
Significant Person	Samuel Pepys	Neil Armstrong	Reginald Mitchell
Vocabulary	Username, password, login, secure, private, privacy, personal, communication, online, internet, cyberbullying, abuse, chat, message, respectful, connect, community.	Communicate, information, digital video, moving image, still image, clip, title, background music, publish, website, community, question, branching database, formula, data.	Shortened form, command, program, predict, algorithm, errors, coding, debug, direction, selection, repetition, sequence, procedure
I will know....	<ul style="list-style-type: none"> • I know that I should use a username and password to login to a school computer. • I understand that it is important to keep login information safe and not to share it with anymore. • I can recognise the features of a powerful password. • I know the difference between communication in person and online. • I know that I should always be respectful when communicating online. • I understand that messages sent online can be misunderstood. 	<ul style="list-style-type: none"> • I know that there are many different ways to communicate different information. • I know that sometimes information can be lost or misunderstood. • I can use a digital video to record an event. • I can add detail to the video to communicate information effectively. • I can use a branching database to investigate questions. • I know how to formulate yes/no questions. 	<ul style="list-style-type: none"> • I know how to use the shortened form of commands when writing a program. • I can predict what an algorithm will do. • I can spot errors in code and debug them. • I can write and test an algorithm. • I can test an algorithm to see if it works as I expected. • I can debug an algorithm so that it works as I expected. • I can use a visual programming language to make a sprite move across the screen. • I can recognise how the visual blocks compare to the language I use in turtle.

	<ul style="list-style-type: none">• I know that the internet allows us to communicate with people all around the world.		<ul style="list-style-type: none">• I can explore Scratch independently.
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