

Y1 COMPUTING PROGRESSION MAP

		Progression Statement	
Computer Science: Problem Solving	Begin to understand what simple algorithms are.	Knows what simple algorithms are.	Can use and apply a growing knowledge and understanding of algorithms.
	Begin to understand how algorithms are implemented as programs on digital devices.	Uses and apply simple algorithms. Has a simple understand how algorithms are implemented as programs on digital devices.	Knows that programs execute by following precise and unambiguous instructions.
Computer Science: Programming	Create and debug simple programs.	Can create and debug with improved confidence and efficiency.	Can create and debug with improved confidence and efficiency.
			Beginning to give reasons for broken programs.

Computer Science: Logical thinking	Beginning to use logical reasoning to predict the behaviour of simple programs.	Can demonstrate a growing understanding of logical reasoning to predict the behaviour of simple programs.	Is beginning to apply their understanding of logical reasoning, predicting the behaviour of simple programs, answering questions like, ‘What if..?’
Information Technology: Creating content	Beginning to use technology purposefully, creating and manipulate digital content.	Understands that technology can be used to organise, store and retrieve digital content.	Begin to organise, store and retrieve digital content. Demonstrate how to use technology to create and manipulate digital content.
Information Technology: Searching	Shows awareness of the Internet.	Beginning to use Internet search engines to display results.	Uses internet search engines, shows awareness of how results are ranked.
Digital Literacy: E-Safety	Beginning to use technology safely and respectfully. Knows that information should be kept private. Knows that there are individuals who they can speak to about concerns.	Uses technology safely and respectfully. Understands the need protect themselves when creating passwords. Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	Is beginning to demonstrate an awareness and understanding of trusted sources of information, websites, app, ‘fake news’ etc.

Digital Literacy: Using IT beyond school	Knows that there are exciting places on digital devices and online. Uses apps and websites in a safe, friendly way.	When using digital messaging, uses appropriate words and symbols.	Is beginning to manage their own screen-time.
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