



COMPUTING PROGRESSION MAP

Year 1			
	AUTUMN TERM:	SPRING TERM:	SUMMER TERM:
	Programming Toys [1] Vlogging [2]	EBooks [1] Images Using The Web [2]	Talking Books [1] Digital Cards [2]
Domain	Progression Statement		
Computer Science	<p>Problem Solving:</p> <ul style="list-style-type: none"> ○ Begin to understand what simple algorithms are. ○ Begin to understand how algorithms are implemented as programs on digital devices <p>Programming:</p> <ul style="list-style-type: none"> ○ Create and debug simple programs. <p>Logical thinking:</p> <ul style="list-style-type: none"> ○ Beginning to use logical reasoning to predict the behaviour of simple programs. 	<p>Problem Solving:</p> <ul style="list-style-type: none"> ○ Knows what simple algorithms are. ○ Uses and apply simple algorithms. ○ Has a simple understanding of how algorithms are implemented as programs on digital devices. <p>Logical thinking:</p> <ul style="list-style-type: none"> ○ Can demonstrate a growing understanding of logical reasoning to predict the behaviour of simple programs. 	<p>Logical thinking:</p> <ul style="list-style-type: none"> ○ Can demonstrate a growing understanding of logical reasoning to predict the behaviour of simple programs.
Information Technology	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Beginning to use technology purposefully, creating and manipulate digital content. <p>Searching:</p> <ul style="list-style-type: none"> ○ Shows awareness of the Internet. 	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Understands that technology can be used to organise, store and retrieve digital content. ○ Beginning to use technology purposefully, creating and manipulate digital content. <p>Searching:</p> <ul style="list-style-type: none"> ○ Beginning to use Internet search engines to display results. 	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Understands that technology can be used to organise, store and retrieve digital content. ○ Beginning to use technology purposefully, creating and manipulate digital content. <p>Searching:</p> <ul style="list-style-type: none"> ○ Beginning to use Internet search engines to display results.
Digital Literacy	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ 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. 	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ 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 	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ 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.	contact on the internet or other online technologies.
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Year group long-term overview (with statutory requirements) and subject progression map (above) to be used together to inform medium term planning.