



COMPUTING PROGRESSION MAP

Year 3			
	AUTUMN TERM:	SPRING TERM:	SUMMER TERM:
	Programming an Animation [1] Programming & Debugging [2]	Communicating Safely on the Internet [1] Sharing Experiences and Opinions [2]	Video Editors [1] Presenting Evaluating Investigating [2]
Domain	Progression Statement		
Computer Science	<p>Problem Solving:</p> <ul style="list-style-type: none"> ○ Beginning to solve problems by decomposing them into smaller parts (computational thinking). ○ Beginning to design, write and debug simple programs to accomplish a specific goal. <p>Programming:</p> <ul style="list-style-type: none"> ○ Is aware of sequence, inputs and repetition when programming. <p>Logical Thinking:</p> <ul style="list-style-type: none"> ○ Shows awareness of logical reasoning to explain how simple algorithms work. ○ Begins to use logical reasoning to detect and correct errors in simple algorithms and programs. 		<ul style="list-style-type: none"> ○ Understands computer networks including the internet. ○ Uses networks that provide multiple services, such as the world wide web.
Information Technology	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Selects and uses services on digital devices. <p>Searching:</p> <ul style="list-style-type: none"> ○ Uses search technologies with awareness of how results are selected and ranked. 	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Organises, stores and retrieves digital content in other curriculum areas. ○ Uses technology purposefully to create and manipulate digital content. <p>Searching:</p> <ul style="list-style-type: none"> ○ Beginning to use key words as an effective way to search for information. 	<p>Creating content:</p> <ul style="list-style-type: none"> ○ Selects, uses and combines a variety of software (including internet services) on a range of digital devices. ○ Collects, analyses, evaluates and presents data and information.
Digital Literacy	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ Shows awareness of the SMART rules. 	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ Shows awareness of the SMART rules. 	<p>E-Safety:</p> <ul style="list-style-type: none"> ○ Shows awareness of the SMART rules.

	<ul style="list-style-type: none"> ○ Shows an understanding of how to create secure passwords. ○ Is aware of ways to protect personal information on different platforms. ○ Shows awareness of the age appropriateness of apps and websites. ○ Recognises and shows awareness of how to report inappropriate content and behaviour. <p>Using IT Beyond School:</p> <ul style="list-style-type: none"> ○ Behaves safely and appropriately if part of an online/ app 'community' of others. 	<ul style="list-style-type: none"> ○ Has an awareness of their digital footprint, that what they do on the internet stays there. ○ Is aware of age restrictions for sites and apps. ○ Shows an understanding of how to create secure passwords. <p>Using IT Beyond School:</p> <ul style="list-style-type: none"> ○ Behaves safely and appropriately if part of an online/ app 'community' of others. 	<ul style="list-style-type: none"> ○ Has an awareness of their digital footprint, that what they do on the internet stays there. ○ Is aware of age restrictions for sites and apps. ○ Shows an understanding of how to create secure passwords. ○ Shows an understanding of issues and risks associated with inappropriate apps and websites, makes choices. <p>Using IT Beyond School:</p> <ul style="list-style-type: none"> ○ If connected via digital messaging services including email, communicates appropriately, shows awareness of their tone and recipient.
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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.