

	Term 1: Sept –Dec Content	Term 2: Jan-April Content	Term 3: April - July Content	Desired end of year outcomes
Year 8	<p>Year 7 Review:</p> <p>Students are reacquainted with the School Computer system and are reminded of key themes</p> <ul style="list-style-type: none"> - navigation of the Operating System – - E-Safety - Understanding computers (Hardware/software) <p>Functional Skills in ICT:</p> <p>Students will have a brief introduction to the skills required for the Functional Skills in ICT course which is studied at KS4. The aims of these qualifications are to develop learner understanding and skills in:</p> <ul style="list-style-type: none"> • using ICT • finding and selecting information • developing, presenting and communicating information <p>.</p>	<p>History of Computers</p> <p>This unit also researches the history of modern computers including social, cultural, legal and environmental concerns. The topic includes focus on individual contributions to technology.</p> <p>Presenting Information</p> <p>Students will present information from their research. They will learn how to use software appropriately to communicate effectively to an audience.</p> <p>program the <i>micro: bit</i> and interact with it.</p> <p>Web Development:</p> <p>Students design and create a simple website for a specific audience and purpose. Students make use of user feedback to develop and refine their websites and ensure fitness for purpose.</p>	<p>Programming Review</p> <p>Students revisit algorithms and create step by step instructions for a process. They will use block-programming to create a program based on this algorithm.</p> <p>Students will use a range of resources including Scratch and CS First to create basic scripts and sprites.</p> <p>micro:bit Project</p> <p>BBC <i>micro:bit</i> is a pocket-sized computer. Students will familiarise themselves with it as an example of how software and hardware work together. It has an LED light display, buttons, sensors and input/output features. Students will</p>	<p>Students will be able to demonstrate their understanding of key ICT themes.</p> <p>Students will familiarise themselves with the Functional Skills in ICT program of study. These are skills which they will be able to use in lessons going forward.</p> <p>Students will be able to investigate Computer History and its impact on our lives.</p> <p>Students will collaboratively work together to present information.</p> <p>Students will be able to create a website based on audience and purpose, evaluating its fitness for that purpose.</p> <p>Students will be able to create a program based on an algorithm. They will be able to investigate the micro:bit computer and apply their knowledge of programming and interact with it.</p>

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Assessment	<p>History of Computers Digital Presentation.</p> <p>History of Computers/Presenting Information assessment.</p>	Micro:bit Workbook and assessment.	<p>Web Development Success Criteria assessment.</p> <p>Block programming assessment.</p>	<p>Miss Jenkins (HOD ICT) Email: mjenkins@glebe.bromley.sch.uk</p>
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