

COMPUTING: Key Stage 3 Curriculum

Year 9

Content (Intent)	Links to prior learning	Skills and Assessment (Implementation)	Expected Learning Outcomes (Impact)
Term 1/2 Python – Developing a Game	Year 8 terms 3 /4, using python again this time with much more independence, students select which programming constructs to use	Skills: <ul style="list-style-type: none"> - Use of a text-based programming language Assessment: End of Topic Product: - Fully documented review of code	Apply computing theory and programming principles to practical software design and development.
Term 3/4 Website Development	Identification of when to Use of software for a specific task, Year 8 term 3 students should be able to realise that the same product can be created in different ways, develop of a product as a website rather than a spreadsheet	Skills: <ul style="list-style-type: none"> - Use of a text-based programming language - Computational Thinking - Assessment: End of Topic Product: - An interactive website	Understand that websites can be used to promote, educate, or entertain people Develop working code using HTML, CSS, and JavaScript
Term 5/6 Computing and the Law	Deepen knowledge of online safety, Year 7 terms 1/2 – what users can do with data / use of networks and website development, Year 9 terms 3/4 – when should data be collected and why	Skills: <ul style="list-style-type: none"> - Safe, responsible use of technology - Reporting concerns - Assessment: Presentations	Understand the importance of keeping safe online Recognise the applicability of computing and evaluate its impact on individuals, organizations, and global society. Recognise professional responsibilities and make informed judgments in computing practice

		End of Topic Assessment – Teams quiz including a long answer essay style question	based on legal and ethical principles.
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Resources and/or activities to support learning

BBC Bitesize - [Computers and the law - The law and ethics - KS3 Computer Science Revision - BBC Bitesize](#)

[Copyright overview - Copyright and intellectual property - KS3 ICT Revision - BBC Bitesize](#)

W3Schools - [HTML Tutorial \(w3schools.com\)](#)

[CSS Tutorial \(w3schools.com\)](#)

[JavaScript Tutorial \(w3schools.com\)](#)