

Curriculum Plan: Computing

	Autumn Term		Spring Term		Summer Term	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	E-Safety	Alice Programming	Understanding Computers	Microbits	Computational Logic	Creativity Project
Year 8	E-Safety	Kodu Game Design	Spreadsheets	Data Representation	Computer Networks	Creativity Project
Year 9	E-Safety	Boolean Logic	HTML and JavaScript	Python Programming	Computer Technology	Creativity Project
Year 10 GCSE	Algorithms	Hardware	Computational Logic	Wired and Wireless Networks	Program development	Language Translators
Year 11 GCSE	Sorting and Searching Algorithms	Flowcharts and Program Development	Revision – Past Papers	Revision – Past Papers		
Year 12 A Level	Algorithms , The Processor	Data Structures , Processors	Computational Thinking	Object Oriented Programming , Data Structures	Programming Languages	Compression, Encryption and Hashing
Year 13 A Level	NEA Project , Databases and Networks	NEA Project , HTML and the Web	Time and Space Complexity , Data Types	Legal, Ethical and Moral issues		

Computer Science
Digital Learning
Information Technology