



Computing Curriculum Overview 2024-2025

Term	Year 7	Year 8	Year 9	Year 10 CS	Year 10 IT	Year 11 CS	Year 11 IT
Autumn 1	Digital Literacy	File Formats and sizes	Computer Crime & Cybersecurity	System Architecture	Coursework Unit R060: Data manipulation using spreadsheets	Algorithms and Python Challenges	Coursework Unit R070: Using Augmented Reality (AR) to present information
Autumn 2	Introduction to Computers	Networks & Communication	Computer Systems	Memory and Storage		Advanced Python Programming	Revision and Exam preparation for January entry Exam Unit R050: IT in the digital world
Spring 1	What is Data?	AI and Machine Learning		Modelling (through Spreadsheets)	Computer Networks, Connections and Protocols	Exam Unit R050: IT in the digital world	Producing Robust Programs
Spring 2	Scratch (Block Programming)	Physical Computing	Network Security System Software		Boolean Logic Programming Languages and IDE's		
Summer 1	Small Basic (Text Programming)	Introduction to Python	Algorithms with Comp Thinking	Ethic, Legal, Cultural and Environmental Impacts	Coursework Unit R070: Using Augmented Reality (AR) to present information	Revision and Exam Preparation	
Summer 2			Intermediate Python Programming	Revision and mock preparation			