



A-Level COMPUTER SCIENCE Plans for Year 12 Curriculum 2026-27

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 12	<u>The characteristics of contemporary processors, input, output and storage devices</u> To introduce the concept of a computer system and its component parts and understand the link between hardware and software . <					

A-Level COMPUTER SCIENCE Plans for Year 13 Curriculum 2026-27

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 13	<u>Databases</u> To develop and make the connection between database theory and their use as potential solutions to the Programming Project . <u>Algorithms</u> <u>Programming Project</u> The students will develop a computing problem to work through according to the guidance in the specification based on the analysis, design, development, testing and evaluation of their solution.	<u>Legal, moral, cultural and ethical issues</u> To explore the wider implications of the use of computers in the modern world and identifying the opportunities and risks it brings. This would include artificial intelligence, environmental effects, censorship, personal data , and piracy . To understand and be able to apply relevant computer legislation to situations and explain how the principles of the law might be broken.		<u>Revision</u> To review and revise the entire examination specification.	<u>Examinations</u>	
	<i>Assessed through Diagnostic Tests and Assessments</i> <i>Resit examinations</i> <i>Programming techniques</i> <i>Programming project development</i>	<i>Legal cultural issue</i> <i>Moral ethical issues</i> <i>Programming project development</i> <i>eRevision.</i>	<i>Mock examinations</i> <i>Programming project development</i> <i>eRevision</i>	<i>Algorithms</i> <i>eRevision</i>		