

	Curriculum Intent	<p>The faculty's intent is to engage students in a curriculum that develops transferable skills, which they will apply in both a vocational and academic manner. The design of our curriculum encourages innovation in students and provides them with problem solving tools. Enterprise supports the learning of Mathematics through having to process numeric data, it also enhances students ICT and Computing skills. Through a variety of teaching and learning methods, including independent research, teamwork, competition and presentation activities, we hope to enhance employability skills and inspire young people</p>		
Year 10 Computing	End Point	To have students who are exposed to the key fundamentals of Computing Theory and Practical Programming		
Content	Algorithms Sequencing Flowcharts Pseudocode Documentation	Computational Logic Logic Gates Trace Tables Truth Tables	Translators & IDE Functions of an IDE Programming Tools Translators Compilers	Data Representation Binary Operations Hexadecimal Assembler
Key Skills	Understand how algorithms form can be written to overcome real world problems and how they can be made into programs.	Understand computational logic and its links to maths and physics and then how it is used to build computers.	Understand how high level computer programming languages are made into programs that a computer can understand.	To understand the numbering systems and languages that computers use internally to represent information.
Assessment	Verbal & Written Feedback Self and Peer Assessment Progress Checks and Working at grades. Common Assessment Tasks.	Verbal & Written Feedback Self and Peer Assessment Progress Checks and Working at grades. Common Assessment Tasks.	Verbal & Written Feedback Self and Peer Assessment Progress Checks and Working at grades. Common Assessment Tasks.	Verbal & Written Feedback Self and Peer Assessment Progress Checks and Working at grades. Common Assessment Tasks.
Reading & Literacy	Knowledge Books on Teams. Key Vocab identified in each lesson.	Knowledge Books on Teams. Key Vocab identified in each lesson.	Knowledge Books on Teams. Key Vocab identified in each lesson.	Knowledge Books on Teams. Key Vocab identified in each lesson.