

<p>THE HIGHEST STANDARDS</p> <p>Always set and deliver the highest standards; never settle for less.</p>	<p>INVEST TO ACHIEVE</p> <p>Care about the now; create the very best for your future.</p>	<p>EVERYONE IS VALUED</p> <p>We are unique individuals working together to be the best.</p>	<p>NO EXCUSES</p> <p>Create solutions, not excuses.</p>	<p>NEVER GIVE UP</p> <p>Resilience is essential; self-belief drives improvement.</p>	<p>CULTIVATE YOUR CHARACTER</p> <p>Qualifications open doors; your character gets you through them.</p>
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Computer Science | Year 10 | 2024-2025

	Week 0	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Half Term 1		CPU Architecture	CPU Performance	Embedded Systems	Primary Memory	Secondary Storage	Data Units	End of Unit Assessment	Data Storage
	Python Programming								
Half Term 2	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Holiday	
	Data Storage	Storing Images	Storing Sound	Compression	Calculating File Size	End of Unit Assessment	Networks		
Python Programming									
Half Term 3	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Holiday		
	Protocols	End of Unit Assessment	System Threats	Vulnerabilities	End of Unit Assessment	Operating Systems			
Python Programming									
Half Term 4	Week 22	Week 23	Week 24	Week 25	Week 26	Holiday			
	Utility Software	End of Unit Assessment	Legal Issues	Ethical and Cultural Issues	End of Unit Assessment				
Python Programming									
Half Term 5	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Holiday		
	Component 1 Model Exam	Component 1 SPA Exam	Component 1 CTG Activity	Component 1 CTG	Component 1 SPA Exam	Component 1 CTG			
Python Programming									
Half Term 6	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Python Programming	
	Component 1 revision	Component 1 revision	Component 1 revision	Trial Exams		Component 1 CTG			
Python Programming									

<p>How does this year deliver your curriculum intent?</p>	<p>As Y10 pupils begin to work towards their GCSE Computer Science qualification, they will build on their prior learning from KS3, particularly their programming and computational thinking skills. To develop a comprehensive understanding on the basics of computer science. Pupils will work through the specification content of the course, interleaving component 1 and component 3 to develop a robust understanding of computer science. Throughout, pupils will use their programming skills, developing their knowledge of Python in order to complete the required project for J277 and to develop vital programming skills which will be drawn on in the component</p>
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