

Year 10		Autumn		Spring		Summer	
		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Knowledge	Data - understanding binary	Data - understanding binary	Computers- CPU and storage	System Software	Data Representation	Cyber Security
	Skills	Python: <ul style="list-style-type: none"> <li>• Output</li> <li>• Input</li> <li>• Variables</li> <li>• Arithmetic</li> <li>• flowcharts</li> </ul>	Python: <ul style="list-style-type: none"> <li>• Selection</li> <li>• String Manipulation</li> <li>• Condition controlled iteration</li> </ul>	Python: <ul style="list-style-type: none"> <li>• 1D Lists</li> <li>• Counter controlled iteration</li> <li>• Subprograms</li> </ul>	Python: <ul style="list-style-type: none"> <li>• string.format()</li> <li>• 2D lists</li> <li>• Validation</li> <li>• Searching</li> </ul>	Python: <ul style="list-style-type: none"> <li>• Sorting</li> <li>• External files</li> <li>• Authentication</li> </ul>	Python: <ul style="list-style-type: none"> <li>• Turtle</li> </ul>
	Assessment	End of topic test Smart Revise Progress  Programming Challenges	End of topic test Smart Revise Progress  Programming Challenges	End of topic test Smart Revise Progress Programming Challenges	End of topic test Smart Revise Progress  Programming Challenges	End of topic test Smart Revise Progress  Programming Challenges	End of topic test Smart Revise Progress  Programming Challenges

		Autumn		Spring		Summer	
		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 11	Knowledge	Networks part 1	Networks part2 Types of languages	Ethical, legal, cultural and environmental impacts of digital technology	Cyber Security	Revision	
	Skills	Python skills: <ul style="list-style-type: none"> <li>• string.format()</li> <li>• searching</li> </ul>	Python Skills: <ul style="list-style-type: none"> <li>• Sorting</li> <li>• External files</li> <li>• Authentication</li> </ul>	Python Skills: <ul style="list-style-type: none"> <li>• sub programs, local vs global</li> <li>• maths &amp; time functions</li> </ul>	Python Skills: <ul style="list-style-type: none"> <li>• Sorting &amp; searching</li> </ul>	Revision	
	Assessment	End of topic test Smart Revise Progress  Programming Challenges	End of topic test Smart Revise Progress  Programming Challenges  Mock Exam	Past Paper Questions Smart Revise Progress	Past Paper Questions Smart Revise Progress		