

# GCSE Computer Science

Brief outline of the course:

Year Group	Winter Term		Spring Term		Summer Term	
Year 10	<b>Exam Content (Worth 80% of final mark)</b> <ul style="list-style-type: none"> <li>• Course Intro</li> <li>• Algorithms</li> <li>• Flowcharts</li> <li>• Pseudocode</li> <li>• Variables</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Arithmetic Operators</li> <li>• User Input</li> <li>• Boolean Operators</li> <li>• Selection/Iteration</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Data Types</li> <li>• Data Structures</li> <li>• Sorting and Searching Algorithms</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Input Types</li> <li>• Input Validation</li> <li>• Computational Thinking</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Procedures and Functions</li> <li>• Binary Conversion</li> <li>• Binary Arithmetic</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Hexadecimal</li> <li>• Data Compression</li> </ul>
Year 11	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Course Intro</li> <li>• Algorithms</li> <li>• Flowcharts</li> <li>• Pseudocode</li> <li>• Variables</li> </ul>	<b>Exam Content</b> <ul style="list-style-type: none"> <li>• Computer Networks</li> <li>• Cyber Security</li> </ul>	<b>Controlled Assessment (Worth 20% of the final mark)</b>	<b>Controlled Assessment</b>	<b>Revision</b> <ul style="list-style-type: none"> <li>• Revision for Final Exam</li> </ul>	<b>Exam</b>