









KS4 CURRICULUM GCSE Computer Science		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11	Topic/Scheme	Issues and Impact	Problem Solving Using Programming	Problem Solving Using Programming	Problem Solving Using Programming	Revision	
	Reading Material	<a href="#">Environmental, ethical and legal concerns</a> GCSE Computer Science Pearson Revision Guide and Workbook – Chapter 5	GCSE Computer Science Pearson Revision Guide and Workbook – Chapter 6	GCSE Computer Science Pearson Revision Guide and Workbook – Chapter 6	<a href="#">Paper 2 Exams: Blog with code</a>	<a href="#">How to tackle essay-style questions</a>	
	Key Vocabulary	<ul style="list-style-type: none"> <li>• Ethics</li> <li>• Algorithmic bias</li> <li>• Copyright</li> <li>• Patent</li> <li>• Trademark</li> <li>• Licencing</li> <li>• Legislation</li> <li>• Malware</li> <li>• Phishing</li> <li>• Encryption</li> <li>• Acceptable Use Policy</li> </ul>	<ul style="list-style-type: none"> <li>• Readability</li> <li>• Sequence</li> <li>• Selection</li> <li>• Iteration</li> <li>• Variable</li> <li>• Constant</li> <li>• Assignment</li> </ul>	<ul style="list-style-type: none"> <li>• Casting</li> <li>• Subprograms</li> <li>• Procedures</li> <li>• Functions</li> <li>• Global variable</li> <li>• Local variable</li> <li>• Parameters</li> <li>• Arguments</li> </ul>	<ul style="list-style-type: none"> <li>• File handling</li> <li>• Validation</li> <li>• Libraries / modules</li> </ul>	(Using vocabulary from previous topics)	
	Link to Scheme  (Subject Curriculum Plan or Schemes of Learning)	<a href="#">LINK</a>	<a href="#">LINK</a>	<a href="#">LINK</a>	<a href="#">LINK</a>	<a href="#">LINK</a>	









