



# SUBJECT: Computer Science

## Key Stage 4 Curriculum Content – 2016/17

	<u>Year 9</u>	<u>Year 10</u>	<u>Year 11</u>
<u>HT1</u>	<p><b>1.1 Systems architecture:</b> CPU architecture, VNA, LMC, FDC and embedded systems</p>	<p>1.7 Systems software</p>	<p><b>Controlled Assessment</b></p> <p><b>3.2 Analysis</b></p>
<u>HT2</u>	<p><b>1.2 Memory:</b> ROM, RAM virtual memory &amp; flash memory</p>	<p>1.8 Ethical, legal, cultural and environmental concerns</p>	<p><b>Controlled Assessment</b></p> <p>3.3 Design</p>
<u>HT3</u>	<p><b>1.3 Storage:</b> Primary &amp; Secondary storage. Storage medium types and advantages and disadvantages of storage devices</p>	<p>2.1 Algorithms &amp; 2.2 Programming techniques</p>	<p>3.4 Development: narrative of the process with explanations of code</p>
<u>HT4</u>	<p>1.4 Wired and wireless networks</p>	<p>2.3 Producing robust programs &amp; 2.4 Computational logic</p>	<p>3.5 Testing and evaluation and conclusions</p>
<u>HT5</u>	<p>1.5 Network topologies, protocols and layers</p>	<p>2.4 Computational logic &amp; 2.5 Translators and facilities of languages</p>	<p><u>Exam Prep</u></p>

<u>HT6</u>	<p data-bbox="204 203 596 389">1.6 System security</p>	<p data-bbox="641 203 1034 383">2.6 Data representation &amp; 3.1 Programming techniques:</p>	
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