

## KS4 COMPUTER SCIENCE OVERVIEW 2016

	<b>Year 10 CS</b>	<b>Year 11 CS</b>
<b>Term 1</b>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Binary, Denary and Hexadecimal.</p> <p style="text-align: center;">ASCII and UNICODE</p> <p style="text-align: center;">System security • System software</p>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /03-04</p> <p style="text-align: center;">Practical Preparation</p> <p style="text-align: center;">Programming techniques • Analysis • Design • Development • Testing and evaluation and conclusions.</p>
<b>Term 2</b>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Systems Architecture • Memory • Storage</p>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /03-04</p> <p style="text-align: center;">Practical Investigation</p> <p style="text-align: center;">CCA 20 Hours</p> <p style="text-align: center;">Programming techniques • Analysis • Design • Development • Testing and evaluation and conclusions.</p>
<b>Term 3</b>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Wired and wireless networks</p> <p style="text-align: center;">Network topologies</p> <p style="text-align: center;">protocols and layers</p> <p style="text-align: center;">legal, moral, environmental and ethical implications of computing</p>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Algorithms</p> <p style="text-align: center;">Programming techniques</p> <p style="text-align: center;">Producing robust programs</p>
<b>Term 4</b>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Completing revision booklet</p> <p style="text-align: center;">Mock exams</p>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /01</p> <p style="text-align: center;">Computational logic</p> <p style="text-align: center;">Translators and facilities of languages</p> <p style="text-align: center;">Data representation</p>
<b>Term 5</b>	<p style="text-align: center;">OCR Computer Science</p> <p style="text-align: center;">J276 /03-04</p> <p style="text-align: center;">Practical Introduction</p>	<b>STUDY LEAVE</b>
<b>Term 6</b>	<p style="text-align: center;">Programming techniques • Analysis • Design • Development • Testing and evaluation and conclusions.</p>	