

## Curriculum Content Summary

**SUBJECT:** Computer Science

	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
<b>Term One</b>			<p>Students will be completing work from Unit A451 – This will be an overview of all seven sections in the exam;</p> <ol style="list-style-type: none"> <li>1. Fundamentals of Computer Systems</li> <li>2. Computer Hardware</li> <li>3. Software</li> <li>4. Representation of data</li> <li>5. Databases</li> <li>6. Communications and networking</li> <li>7. Programming</li> </ol> <p>There are 24 assessments to complete which are assessed and scored.</p> <p>Past exam paper is taken home over the October half term.</p>				
<b>Term Two</b>			<p>Students will be completing unit A453 – on programming basics for two lessons per week. The third lesson is devoted to recapping on programming or weaknesses in A451 targeted.</p>			-	
<b>Term Three</b>			<p>Students will be completing unit A453 – on programming for two lessons per week. The third lesson is devoted to recapping on programming or weaknesses in A451 targeted.</p>				
<b>Term Four</b>			<p>Students will be completing unit A453 – on programming for two lessons per week. The third lesson is devoted to recapping on programming or weaknesses in A451 targeted.</p>			-	-
<b>Term Five</b>		<p>Students will be learning Computer Science from Term 5 onwards. Following Term 2 of GCSE Computer Science.</p>	<p>Students will be given a mock controlled assessment for unit A453 – students to complete ‘mock’ controlled assessment paper during lesson time. The controlled assessment paper will include three programming tasks along with written evidence in response to questions.</p> <p>(Please note, this is not an ‘official’ mock paper, this is assisted and written by the teacher).</p>			-	-

<p><b>Term Six</b></p>		<p>Homework booklet 1 – Computer Science – marked out of 111. (This will give students a brief introduction to Term 1 GCSE Computer Science)</p> <p>Students will be continuing with Term 2 GCSE Computer Science understanding basic programming techniques.</p>	<p>Students will be working on their mock paper for unit A453 – targeting and understanding strengths and weaknesses from the previous term.</p> <p>Students will be completing their official Controlled Assessment for unit A453 at the beginning of year 10.</p>			<p>-</p>	
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