

Walthamstow Academy - Year 11 Curriculum Experience Computer Science

Term	COMPUTING Curriculum Content	Assessment(s)	Extra-Curricular Options <i>(Places to visit; videos; wider reading; clubs to join)</i>
<p>Year 11 Computing Curriculum Overview: Having learnt the fundamentals in Year 10, students will now apply their knowledge to more challenging tasks that enable them to creatively and productively apply their knowledge to work of their own choosing.</p>			
Year 11 HT1	<p>Students will further develop their ‘fundamental’ programming constructs whilst also learning how to make their programs more <i>robust</i>. By understanding Boolean Logic better, students will then be better placed to create <i>useful and efficient</i> programs.</p> <p>Topic list:</p> <ul style="list-style-type: none"> • SLR2.2 Programming Fundamentals • SLR2.3 Producing Robust Programs • SLR2.4 Boolean Logic 	<p>Continual, formative, in-class assessment and feedback</p> <p>End of 2.2 Topic Test - Week 2 End of 2.3 Topic Test - Week 5</p>	<p>PG Online Resources Course Textbook Craig & Dave Videos Quizlet OAK National</p>
Year 11 HT2	<p>Students will be taught appropriate methods for applying Boolean Algebra to their programs and how to use the features of IDE’s to their advantage / benefit.</p> <p>Topic list:</p> <ul style="list-style-type: none"> • SLR2.4 Boolean Logic • SLR2.5 Programming Languages and IDE’s 	<p>Continual, formative, in-class assessment and feedback</p> <p>End of 2.4 Topic Test - Week 8 End of 2.5 Topic Test - Week 12</p>	<p>PG Online Resources Course Textbook Craig & Dave Videos Quizlet OAK National</p>
Year 11 HT3	<p>Unit Title: Examination Preparation Students will review the course content, developing their understanding by completing SLR’s and prepare for impending Examinations by answering carefully curated past examination questions.</p> <ul style="list-style-type: none"> • Revision • Exam Technique 	<p>SLR’s</p>	<p>PG Online Resources Course Textbook Craig & Dave Videos Quizlet OAK National</p>

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<p>Year 11 HT4</p>	<p>Unit Title: Examination Preparation Students will review the course content, developing their understanding by completing SLR's and prepare for GCSE Examinations by answering carefully curated past examination questions.</p> <ul style="list-style-type: none"> • Revision • Exam Technique 	<p style="text-align: center;">SLR's</p>	<p style="text-align: center;">PG Online Resources Course Textbook Craig & Dave Videos Quizlet OAK National</p>
<p>Year 11 HT5</p>	<p>Unit Title: Examination Preparation Students will review the course content, developing their understanding by completing SLR's and prepare for GCSE Examinations by answering carefully curated past examination questions.</p> <ul style="list-style-type: none"> • Revision • Exam Technique 	<p style="text-align: center;">SLR's</p>	<p style="text-align: center;">PG Online Resources Course Textbook Craig & Dave Videos Quizlet OAK National</p>