



KS4 Learning Overview

Computer Science

Exam Board: OCR

Year 11		
Term	Topics	Extra learning opportunities
Autumn 1	<p>Units:</p> <ul style="list-style-type: none"> SLR 2.2 Programming fundamentals SLR 2.1 Algorithms <p>Plus, paper 2 exam revision lessons</p> <p>Assessment SLR 2.2 Student workbook</p> <p>SLR 2.2 End-of-topic test</p>	<p>Smart Revise website/app – used for daily questions, where smart algorithms know which aspects of the course a student needs more practice on, and targets specific questions to that student.</p> <p>Students are regularly challenged on theory they have learned in the past.</p> <p>These videos are in line with the topics.</p> <p>Craig n Dave Theory videos – used by students to watch specially made videos linked to the curriculum and can write their notes in an exercise book. Students can bring their exercise book to the lesson and use it to aid them in completing their classwork. This means they come to the lesson with the knowledge you were going to teach them, accelerating the pace of the lesson, and covering more content in a shorter amount of time.</p>
Autumn 2	<p>Units:</p> <ul style="list-style-type: none"> SLR 2.1 Algorithms <p>Plus, mock paper exam revision lessons</p> <p>Assessment SLR 2.1 Student workbook</p> <p>SLR 2.1 End-of-topic test</p>	<p>https://student.craigndave.org/videos/slr2-1-algorithms</p> <p>https://student.craigndave.org/videos/slr2-2-programming-fundamentals</p> <p>https://student.craigndave.org/videos/slr2-3-producing-robust-programs</p> <p>https://student.craigndave.org/videos/slr2-4-boolean-logic</p> <p>https://student.craigndave.org/videos/slr2-5-programming-languages-and-ides</p> <p>Revision sessions will take place when needed throughout the year.</p>

Spring 1	<p>Units:</p> <ul style="list-style-type: none"> • SLR 2.3 Producing robust programs <p>Plus, revision lessons</p> <p>Assessment SLR 2.3 Student workbook</p> <p>SLR 2.3 End-of-topic test</p>	
Spring 2	<p>Units:</p> <ul style="list-style-type: none"> • SLR 2.4 Boolean logic • SLR 2.5 Programming languages and IDEs <p>Plus, revision lessons</p> <p>Assessment SLR 2.4 Student workbook</p> <p>SLR 2.4 End-of-topic test</p> <p>SLR 2.5 Student workbook</p> <p>SLR 2.6 End-of-topic test</p>	
Summer 1	<p>This final term will be going over past exam questions and revision for the final exams.</p>	
Summer 2	<p>This final term will be going over past exam questions and revision for the final exams.</p>	