



KS4 Learning Overview

Computer Science

Exam Board: OCR

Year 10		
Term	Topics	Extra learning opportunities
Autumn 1	<p>Units: Introduction – About the course</p> <ul style="list-style-type: none"> • SLR 1.1 Systems architecture • SLR 1.2 Memory and storage – Part 1 <p>Plus 5 dedicated programming lessons</p> <p>Assessment SLR 1.1 Student workbook SLR 1.1 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. Students are regularly challenged on theory they have learned in the past. 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> <p>https://student.craigndave.org/videos/slr1-1-systems-architecture</p> <p>https://student.craigndave.org/videos/slr1-2-memory-and-storage</p> <p>https://student.craigndave.org/videos/slr1-3-computer-networks-connections-and-protocols</p>
Autumn 2	<p>Units:</p> <ul style="list-style-type: none"> • SLR 1.2 Memory and storage – Part 1 • SLR 1.2 Memory and storage (Part 2) <p>Plus, dedicated programming lesson</p> <p>Assessment SLR 1.2 Student workbook – Part 1 SLR 1.2 End-of-topic test – Part 1 SLR 1.2 Student workbook (Part 2) SLR 1.2 End-of-topic test (Part 2)</p>	<p>https://student.craigndave.org/videos/slr1-4-network-security</p> <p>https://student.craigndave.org/videos/slr1-5-systems-software</p> <p>https://student.craigndave.org/videos/slr1-6-ethical-legal-cultural-and-environmental-concerns</p>
Spring 1	<p>Units:</p> <ul style="list-style-type: none"> • SLR 1.3 Computer networks, connections and protocols <p>Plus, dedicated programming lessons</p> <p>Assessment SLR 1.3 Student workbook</p>	<p>https://student.craigndave.org/videos/slr1-4-network-security</p> <p>https://student.craigndave.org/videos/slr1-5-systems-software</p> <p>https://student.craigndave.org/videos/slr1-6-ethical-legal-cultural-and-environmental-concerns</p>

Spring 2	<p>Units:</p> <ul style="list-style-type: none"> • SLR 1.3 Computer networks, connections and protocols • SLR 1.4 Network security <p>Plus, dedicated programming lessons</p> <p>Assessment SLR 1.3 Student workbook SLR 1.3 End-of-topic test</p>	
Summer 1	<p>Units:</p> <ul style="list-style-type: none"> • SLR 1.4 Computer networks, connections and protocols • SLR 1.5 System software <p>Plus, dedicated programming lessons</p> <p>Assessment SLR 1.4 Student workbook SLR 1.4 End-of-topic test SLR 1.5 Student workbook SLR 1.5 End-of-topic test</p>	
Summer 2	<p>Units:</p> <ul style="list-style-type: none"> • SLR 1.6 Ethical, legal, cultural, and environmental concerns • Lessons on a text-based adventure game project <p>Assessment SLR 1.6 Student workbook SLR 1.6 End-of-topic test</p>	