

## Computer Science Checklist

Subject: Computer Science		Exam Paper: Paper 1 Paper 2	Duration: Paper 1: 1 hour 30 Paper 2: 1 hour 30
<b>PAPER 1</b> <b>See GCSE Pod Assignment</b> <b>or...</b>			
1	<b>1.1 Systems architecture</b>	<a href="https://student.craigdave.org/videos/slr1-1-systems-architecture">https://student.craigdave.org/videos/slr1-1-systems-architecture</a>	
2	<b>1.2 Memory &amp; Storage</b>	<a href="https://student.craigdave.org/videos/slr1-2-memory-and-storage">https://student.craigdave.org/videos/slr1-2-memory-and-storage</a>	
3	<b>1.3 Networks</b>	<a href="https://student.craigdave.org/videos/slr1-3-computer-networks-connections-and-protocols">https://student.craigdave.org/videos/slr1-3-computer-networks-connections-and-protocols</a>	
4	<b>1.4 Network security</b>	<a href="https://student.craigdave.org/videos/slr1-4-network-security">https://student.craigdave.org/videos/slr1-4-network-security</a>	
5	<b>1.5 Systems Software</b>	<a href="https://student.craigdave.org/videos/slr1-5-systems-software">https://student.craigdave.org/videos/slr1-5-systems-software</a>	
6	<b>1.6 Ethical, legal, cultural and environmental impacts of digital technology</b>	<a href="https://student.craigdave.org/videos/slr1-6-ethical-legal-cultural-and-environmental-concerns">https://student.craigdave.org/videos/slr1-6-ethical-legal-cultural-and-environmental-concerns</a>	
<b>PAPER 2</b> <b>See GCSE Pod Assignment</b> <b>or...</b>			
7	<b>2.1 Algorithms</b> <ul style="list-style-type: none"> <li>• Computational thinking</li> <li>• Designing, creating and refining algorithms</li> <li>• Searching and sorting algorithms</li> </ul>	<a href="https://student.craigdave.org/videos/slr2-1-algorithms">https://student.craigdave.org/videos/slr2-1-algorithms</a>	
8	<b>2.2 Programming fundamentals &amp; SQL</b>	<a href="https://student.craigdave.org/videos/slr2-2-programming-fundamentals">https://student.craigdave.org/videos/slr2-2-programming-fundamentals</a>  <a href="https://student.craigdave.org/videos/ocr-gcse-j277-slr-2-2-the-use-of-sql-to-search-for-data">https://student.craigdave.org/videos/ocr-gcse-j277-slr-2-2-the-use-of-sql-to-search-for-data</a>	
9	<b>2.3.2 Producing Robust Programs</b>	<a href="https://student.craigdave.org/videos/ocr-gcse-j277-slr-2-3-the-purpose-and-types-of-testing">https://student.craigdave.org/videos/ocr-gcse-j277-slr-2-3-the-purpose-and-types-of-testing</a>	



10	<b>2.4 Boolean Logic</b>	<a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-simple-logic-diagrams">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-simple-logic-diagrams</a>  <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-truth-tables">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-truth-tables</a>  <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-applying-logical-operators-in-truth-tables">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-4-applying-logical-operators-in-truth-tables</a>
11	<b>2.5 Languages and translators</b> <ul style="list-style-type: none"><li>• Languages</li><li>• IDEs</li><li>• Translators</li></ul>	<a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-ides">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-ides</a>  <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-characteristics-and-purpose-of-different-levels-of-programming-language">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-characteristics-and-purpose-of-different-levels-of-programming-language</a>  <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-the-purpose-of-translators">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-the-purpose-of-translators</a>  <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-characteristics-of-compilers-and-interpreters">https://student.craigndave.org/videos/ocr-gcse-j277-slr-2-5-characteristics-of-compilers-and-interpreters</a>