

## Subject Assessment Information 2021 – Computer Science

<b>Qualification</b>	GCSE
<b>Subject</b>	Computer Science
<b>Assessment length</b>	45 minutes for each assessment
<b>Topics and skills to be revised and assessed:</b>  Assessment 1 – Boolean Logic / Number Bases / Binary Addition & Subtraction Assessment 2 – Networks Assessment 3 – Programming Concepts	
<b>Assessment format:</b>  Assessment 1: Your assessment will take place in class in the style of the usual exam paper. Questions will be based on <b>Boolean Logic</b> – Logic gates, symbols, truth tables and diagrams, <b>Number Bases</b> – Conversion from and to Binary, Hexadecimal and Denary, <b>Binary</b> – 8 bit binary addition & Subtraction.  Assessment 2: Your assessment will take place in class in the style of the usual exam paper. Questions will be based on <b>Networks</b> – Topologies, Protocols, Vulnerabilities,  Assessment 3: Your assessment will take place in class in the style of the usual exam paper. Questions will be based on <b>Programming Concepts</b> – Programming constructs, Search Algorithms, Sort Algorithms, Compression and Encryption	
<b>Preparation &amp; Revision Advice</b> Assessment 1: <ul style="list-style-type: none"><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zjw8jty/revision/1">https://www.bbc.co.uk/bitesize/guides/zjw8jty/revision/1</a></li><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zfspfcw/revision/1">https://www.bbc.co.uk/bitesize/guides/zfspfcw/revision/1</a></li></ul> Assessment 2: <ul style="list-style-type: none"><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zvspfcw/revision/1">https://www.bbc.co.uk/bitesize/guides/zvspfcw/revision/1</a></li><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zr3yb82/revision/1">https://www.bbc.co.uk/bitesize/guides/zr3yb82/revision/1</a></li><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zj89dxs/revision/1">https://www.bbc.co.uk/bitesize/guides/zj89dxs/revision/1</a></li></ul> Assessment 3: <ul style="list-style-type: none"><li>• <a href="https://www.bbc.co.uk/bitesize/guides/znh6pbk/revision/1">https://www.bbc.co.uk/bitesize/guides/znh6pbk/revision/1</a></li><li>• <a href="https://www.bbc.co.uk/bitesize/guides/zjdkw6f/revision/1">https://www.bbc.co.uk/bitesize/guides/zjdkw6f/revision/1</a></li></ul>	

