





## Curriculum Overview for Computer Science Year 7

<p><b>Half Term 3</b></p> <p><b>Substantive Knowledge:</b></p> <ul style="list-style-type: none"> <li>Understand the core concept of how computers store information</li> <li>Understand how binary numbers can make denary numbers</li> </ul> <p><b>Disciplinary Knowledge:</b></p> <ul style="list-style-type: none"> <li>To be able to convert from 8-bit binary to denary</li> <li>To be able to convert from denary to 8-bit binary</li> </ul>		<p>Skim and Scan of source information</p> <p>Decoding terms</p> <p>Etymology of key terms</p>
		<p>Storage</p> <p>Memory</p> <p>Hard Disk</p> <p>CD-Rom</p> <p>Binary</p> <p>Bit</p> <p>Denary</p> <p>Byte</p>
		<p><b>Formative assessment</b></p> <p>Game based assessment</p> <p>Knowledge checks</p> <p><b>Summative assessment</b></p> <p>End of unit assessment</p>
		<p>Practice questions</p> <p>Revision tasks</p>