



Haygrove School Department Curriculum Overview 2020-2021

		<p>Legislation How network policies, user levels, passwords help security Understand concept of SQL</p> <p>Carry out NEA</p>				
1b	<p>Ethical, legal, cultural, environmental concerns</p> <p>NEA</p>	<p>Identify what is a key stakeholder How are key stakeholders affected by technology? Identify, understand and explain rules and implications of legislation. Understand open source and proprietary software Explain environmental, cultural and ethical issues through the use of technology.</p> <p>Carry out NEA</p>	<p>Resilient</p> <p>Confident</p> <p>Curious</p> <p>Reflective</p>	<p>Homework sheets checking on understanding / practising algorithms for coding.</p> <p>Interleaving activities.</p> <p>Mini test on ethical, legal, cultural, environmental concerns</p> <p>NEA</p> <p>HCSE</p>	<p>Stakeholder</p> <p>Legislation</p> <p>Environment</p> <p>Culture</p> <p>Ethics</p> <p>Technology</p> <p>Precious metals</p> <p>Data protection act</p> <p>Creative commons</p> <p>Copyright</p> <p>Computer misuse act</p>	<p>Homework sheets alternately checking on understanding of theory and practising algorithms for coding.</p> <p>Revision activities for HCSE assessment.</p>
2a	<p>Translators and Facilitators of Languages</p> <p>Compression</p> <p>NEA</p>	<p>Describe different generations of programming languages including differences between high and low level languages Explain assemblers, compilers, interpreters and differences Describe facilities in an IDE</p> <p>Explain and justify the need for compression including types of compression for both lossy and lossless.</p> <p>Complete NEA</p>	<p>Resilient</p> <p>Confident</p> <p>Curious</p> <p>Reflective</p>	<p>Homework sheets checking on understanding / practising algorithms for coding.</p> <p>Interleaving activities.</p> <p>Mini test on translators and facilitators</p> <p>NEA</p>	<p>High level language</p> <p>Low level language</p> <p>Assembler</p> <p>Compiler</p> <p>Interpreter</p> <p>IDE</p> <p>Compression</p> <p>Lossy</p> <p>Lossless</p>	<p>Homework sheets alternately checking on understanding of theory and practising algorithms for coding.</p> <p>Revision activities for June assessment.</p>



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2b	Revision for GCSE's	Past exam papers.	Resilient Confident Curious Reflective	Past Exam papers		Past exam papers Revision activities for June assessment.
3ab						

Impact:

GCSE – to focus on students understanding topics for GCSE exam and understanding changes in technology relevant to their life choices.