**Curriculum Overview for Computer Science**

**Year 10**

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| **Half Term 5 and 6**  **Cultural, Ethical and Legal Implications**  **Substantive Knowledge:**  How does modern day computing effect the world around us.  How is our culture constantly changing with the development and adaptation of new technology.  How does this change ethically effect the world? What are the implications of implementing new technology such as AI?  How has the law changed to reflect technology.  **Disciplinary Knowledge:**  Understand what AI is and how it is impacting the world around us.  Understand the laws around data protection.  Understand the laws around computer misuse.  Understand the laws around copyright. | Books | Model reading  Reading out loud  Skim and Scan of source information  Decoding terms  Etymology of key terms |
| Speech | Ethics  Culture  AI  Law  Computer Misuse  Data protection  GDPR  Copyright |
| Checklist RTL | **Formative assessment**  Knowledge checks  Quiz  Practice questions  **Summative assessment**  End of unit assessment |
| Home | SmartRevise  Practice questions  Revision tasks  Research tasks |