**Curriculum Overview for Computer Science**

**Year 11**

|  |  |  |
| --- | --- | --- |
| **Half Term 1**  **Software**  **Substantive Knowledge:**   * Networking   **Disciplinary Knowledge:**   * What is a Network? * What is a LAN? * What is a WAN? * Network topologies – bus, star, mesh * Client-Server vs P2P Networking * How the Internet works | Books | Model reading  Reading out loud  Skim and Scan of source information  Decoding terms  Etymology of key terms |
| Speech | Network  Local Area Network  Wide Area Network  Topology  Bus  Star  Mesh  Client-Server  Peer-to-peer  The Internet  IP address  Domain  Packet  Firewall  Protocol |
| Checklist RTL | **Formative assessment**  Knowledge checks  Quiz  Practice questions  **Summative assessment**  End of unit assessment |
| Home | Seneca  Practice questions  Revision tasks  Research tasks |