**Curriculum Overview for Computer Science**

**Year 11**

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| **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 readingReading out loudSkim and Scan of source informationDecoding termsEtymology of key terms |
| Speech | NetworkLocal Area NetworkWide Area NetworkTopologyBusStarMeshClient-ServerPeer-to-peerThe InternetIP addressDomainPacketFirewallProtocol |
| Checklist RTL | **Formative assessment**Knowledge checksQuizPractice questions**Summative assessment**End of unit assessment |
| Home | SenecaPractice questionsRevision tasksResearch tasks |