Subject	Computer Science
Unit	Year 11

Key vocabulary	Definition
LAN/WAN	Local Area Network (a network within a building or site); Wide Area Network (a network over a bigger area, where telecoms companies own the infrastructure).
Network Speed	The amount of data that can be sent and received per second.
Network Latency	The time it takes to get a response back over the network (also known as 'lag' or 'ping')
Network Bandwidth	The amount of data that can be sent and received per second.
Bits per second	One bit is an individual BInary digiT. Kilo means thousands, Mega millions.. Etc.
Network Protocol	A set of rules about how data should be sent over a network.
Four Layer Model	TCP/IP is split into different layers to make it more flexible (Application, Transport, Internet, Link)
Network Topology	Star and bus are two different ways of connecting devices to networks.
Network Vulnerability	A feature of a network that allows it to be attacked.
Ethical Hacking	Where hackers tell companies about the vulnerabilities that they find so that they can be fixed.
Pen Testing	Deliberately hacking into a network to find vulnerabilities. This is often carried out by ethical hackers who are paid by companies who want to keep their networks secure.