Yr 8.5 Assessment Grid- Networks

	Skill		*Knowledge*	
	Practical Skill Range and quality of ICT & programming skills and techniques	**Analysing and evaluating** Identifying areas for improvement and identifying where issues have developed and ways to resolve this. Both in their own work and others.	**Theory** Talking about Computational thinking and making IT connections in the real world .	**Computational thinking Level** Computational thinking allows us to take a complex problem, understand what the problem is and develop possible solutions. We can then present these solutions in a way that a computer, a human, or both, can understand.
Exceptional GCSE 8-9 in Y11	Fluent In: ● Designing and developing different types of network topologies independently. ● Logging on with ease ● Accessing previous work and versions easily ● Selecting the appropriate software to present their work and justify their choice	Fluent In: ● Justifying their choice of network device with justified reasoning linking to performance and cost ● Identifying a range of improvements to networks to help them be more safe, secure and efficient.	Fluent In: ● Can confidently explain what the term LAN and WAN stand for and the differences between them ● Can confidently explain the differences between a client server model and a Peer to Peer network ● Using the correct terminology consistently ● Linking the use of these and esafety considerations consistently	Fluent In: ● Identify which types of network is suitable for a range of scenarios with clear justification ● Defining what a range network device are with examples ● Linking all devices to their labels
Higher GCSE 6-8 in Y11	Secure In: ● Designing and developing different types of network topologies with limited support ● Logging on with ease ● Accessing previous work and versions easily ● Selecting the appropriate software to present their work and justify their choice	Secure In: ● Justifying their choice of network device with some reasoning linking to performance and cost ● Identifying some improvements to networks to help them be more safe and efficient.	Secure In: ● Can explain what the term LAN or WAN means ● Can Explain the differences between a client server model and peer to peer model but may need support ● Using the correct terminology sometimes ● Linking the use of these and esafety considerations sometimes	SecureIn: ● Identify which types of network is suitable for a range of scenarios ● Defining some network components with examples ● Linking numerous devices to its labels

Intermediate GCSE 4-6 in Y11	Growing In: ● Designing different at least 2 types of network topologies ● Logging on with ease ● Accessing previous work and versions easily ● Selecting the appropriate software to present their work and justify their choice	Growing In: ● Justifying their choice of network device with limited reasoning linking to performance or cost ● Identifying at least 2 improvements to networks to help them be more efficient.	Growing In: ● Knowing what LAN and WAN stand for ● With support can identity at least 1 difference between a client server model and Peer to Peer ● Using the correct terminology occasionally ● Linking the use of these and esafety considerations occasionally	Growing In: ● Identify which types of network is suitable for a range of simple scenarios ● Define at least 2 network components with examples ● Linking at least 3 devices to its labels
Foundation GCSE 2-4 in Y11	Emerging In: ● Designing at least 1 network topology ● Logging on with ease ● Accessing previous work and versions easily ● Selecting the appropriate software to present their work and justify their choice	Emerging In: ● Identifying their choice of device linking to performance with support ● Identifying at least 1 improvements to networks, they may need support to do this.	Emerging In: ● Knowing what LAN or WAN stand for ● Can understand why a client server model and Peer to Peer are different but struggles to verbal this ● Linking the use of these and esafety considerations rarely	Emerging In: ● Can name a type of network is suitable a simple scenario ● Define at least 1 network components with examples ● Linking at least 1 device to its labels ●

Outstanding	Making outstanding progress relative to their starting point **(almost meeting expectations for next starting point)**
Above	Making more than expected progress relative to their starting point **(consistently meeting all expectations**)
Expected	Making expected progress relative to their starting point **(mostly meeting expectations for this starting point)**
Working towards	Working towards expected progress for their starting point **(below assigned starting point expectations consistently)**