



Year 9 Computer Science Checklist

End of Year Assessment			
Student Checklist			
Cyber Security	R	A	G
I can explain the laws that cover cyber security in the UK (Computer Misuse Act and Data Protection Act)			
I can explain different types of social engineering/scams			
I can identify different types of malware			
I can identify what makes a password more secure			
I can identify methods of protecting a network from attacks			
Networks and Websites	R	A	G
I can explain the benefits of connecting to a network			
I can explain why networks might slow down			
I can identify some tags that are used to make a web page			
I can explain how data is sent from device to device over a network			
Computational Thinking	R	A	G
I can explain what computational thinking is			
I can explain how a given problem could be broken down into smaller subtasks			



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I can explain what information is important to a problem, and what can be ignored			
I can identify the correct shapes of a flowchart			
Artificial Intelligence	R	A	G
I can explain what AI and machine learning are			
I can suggest rules that a machine learning system might create			
I can explain ethical/moral concerns with AI in general and AI art			
I can explain the what the Turing Test is			

Computer Science	Link (add revision links- page no or online)
<ul style="list-style-type: none">• BBC Bitesize Computer Science<ul style="list-style-type: none">○ Computational Thinking○ Networks/Internet/Online safety	https://www.bbc.co.uk/bitesize/subjects/zvc9q6f
<ul style="list-style-type: none">• Seneca<ul style="list-style-type: none">○ Computational Thinking○ Networks/Internet/Online safety	https://senecalearning.com/en-GB/revision-notes/ks3/computer-science/national-curriculum
<ul style="list-style-type: none">• HTML 4 Kids<ul style="list-style-type: none">○ Basic tags tutorial	https://html4kids.co.uk/learn-html/basic-html-tags/