



Year 9 Progress Grid – Spring Term

Name: _____

Class: _____

Topic	Grades 3/2/1 - (D/E/F)	Grades 6/5/4 - (B/C)	Grades 9/8/7 - (A*/A)
Terminology	I need support to use the correct terminology	I sometimes use the correct terminology	I always use the correct terminology
System Security (Extended Writing Task)	<ul style="list-style-type: none"> I can explain some methods used to keep a system safe and secure I can explain some threats to data and computer systems I can explain the importance of keeping a system safe 	<ul style="list-style-type: none"> I can explain a range of methods used to keep a system safe and secure I can explain a range of threats to data and computer systems I can explain the importance of keeping a system safe and give examples 	<ul style="list-style-type: none"> I can explain a wide range of methods used to keep a system safe and secure I can explain a wide range of threats to data and computer systems I can explain the importance of keeping a system safe and give appropriate examples
Operating Systems (practical activity dependant on raspberry pi)	<ul style="list-style-type: none"> I can identify some different types of operating system I can explain the main roles of the operating system 	<ul style="list-style-type: none"> I can identify a range of different types of operating system I can explain the main roles of the operating system 	<ul style="list-style-type: none"> I can identify a wide range of different types of operating system I can explain the main roles of the operating system
Little Man Computer	<ul style="list-style-type: none"> I can identify the main parts of the LMC interface I can explain the purpose of the LMC I can identify some of the LMC instruction set I can explain the purpose of mnemonic code I have attempted tasks 1-2 supplied with the LMC instruction set and 	<ul style="list-style-type: none"> I can identify the main parts of the LMC interface I can explain the purpose of the LMC I can identify most of the LMC instruction set I can explain the purpose of mnemonic code I have attempted tasks 1-4 supplied with the LMC instruction set and 	<ul style="list-style-type: none"> I can identify the main parts of the LMC interface I can explain the purpose of the LMC I can identify all of the LMC instruction set I can explain the purpose of mnemonic code I have attempted tasks 1-6 supplied with the LMC instruction set and commented tasks I am unable to complete



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	commented tasks I am unable to complete	commented tasks I am unable to complete	
Seven Segment Display	<ul style="list-style-type: none"> I understand the binary code behind a seven segment display I can create a truth table for some segments 	<ul style="list-style-type: none"> I understand the binary code behind a seven segment display I can create a truth table for most segments 	<ul style="list-style-type: none"> I understand the binary code behind a seven segment display I can create a truth table for the all segments I can write the Boolean expressions for each segment
Computational Thinking (Visual Programming Software)	<ul style="list-style-type: none"> I can design and code a simple maze game using VPS I can design and code a simple game of my choice I can test my game using normal data 	<ul style="list-style-type: none"> I can design and code a maze game using VPS I can design and code a game of my choice I can test my game using normal and extreme data 	<ul style="list-style-type: none"> I can design and code a complex multi-level maze game using VPS I can design and code a complex game of my choice I can test my game using normal, abnormal and extreme data
Data Capture	<ul style="list-style-type: none"> I am aware of the different features of a data capture form and able to apply them to different scenarios I can discuss and explain legislation linked to collecting information giving examples I can create a simple questionnaire, using some data capture features and analyse the feedback graphically 	<ul style="list-style-type: none"> I am aware of the different features of a data capture form and am able to apply them effectively to different scenarios I can discuss, explain and justify legislation linked to collecting information giving a range of appropriate examples I can create a questionnaire, using a range of data capture features and analyse the feedback graphically using appropriate chart types 	<ul style="list-style-type: none"> I am aware of the different features of a data capture form and am able to apply them effectively to different scenarios I can discuss, explain and justify legislation linked to collecting information giving a wide range of appropriate examples I can create a questionnaire using a wide range of data capture features and analyse the feedback graphically using appropriate chart types





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Evaluation	<ul style="list-style-type: none">• I can evaluate my game against given success criteria• I can identify some improvements based upon feedback	<ul style="list-style-type: none">• I can evaluate my game against given success criteria• I can identify a range of improvements based upon feedback	<ul style="list-style-type: none">• I can evaluate my game against given success criteria• I can identify and implement a wide range of improvements based upon feedback.• I can version my game
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