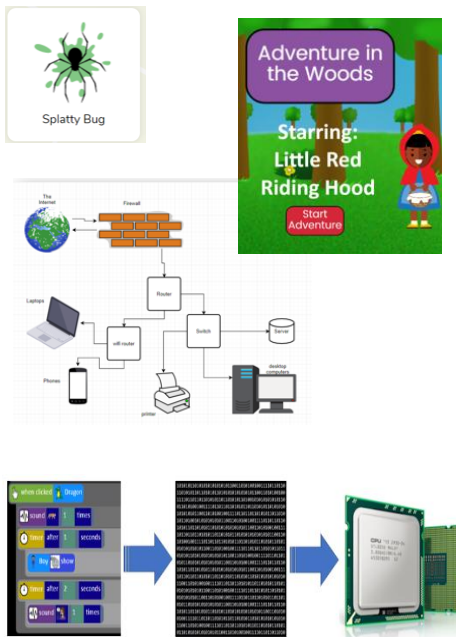


	Year:		6	Skill:	Computer Science	
	Taught in Units		What will I learn this year?			
	6.1 Coding		- To plan and use a selection of variables - To use flowcharts to create and debug a code			
	6.5 Text Adventures		- To create a text based adventure (a type of game that uses text rather than graphics to tell a story) - To sequence a code thoughtfully			
	6.6 Networks		- To gain a better understanding of the internet - To find out what LAN and WAN are			
6.8 Understanding Binary		To recognise that digital systems represent all types of data using number codes that ultimately are patterns of 1s and 0s (called binary digits which is why they are called digital systems).				
Key Vocabulary					What should I already know?	
internet	A global computer network providing a variety of information and communication facilities using interconnected networks.	To begin to simplify code				
LAN (local area network)	A computer network that links devices within a building or group.	- To begin to understand what decomposition and abstraction are in computer science				
Network	Several interconnected computers, machines or operations	To begin to understand what concatenation is and how it works				
WAN (wide area network)	A collection of local-area networks (LANs) that communicate with one another over a large physical area or even globally.					
decomposition	A method of breaking down tasks into manageable components to make coding easier.	What will I learn next?		understand several key algorithms that reflect computational thinking [for example, ones for sorting and searching]; use logical reasoning to compare the utility of alternative algorithms for the same problem (KS3)		