

	Sept-Oct							
Weeks	1	2	3	4	5	6	7	8
Autumn Term	A	B	A	B	A	B	A	B
	ESAFETY	ESAFETY	Advanced Web Design 1	Advanced Web Design 2	Advanced Web Design 3	Advanced Web Design 4	Advanced Web Design 5	Advanced Web Design 6
	CEOPS	CEOPS	Analysis of website construction and audience	Looking at website components and creating paper design for a specific audience and purpose	Investigating HTML and creating basic websites using HTML	Students will be creating their own website.	Students will be creating their own website.	Evaluation of websites.
	Nov-Dec							
Weeks	9	10	11	12	13	14	15	
Autumn Term	A	B	A	B	A	B	A	
	Graphics 1	Graphics 2	Graphics 3	Graphics 4	Graphics 5	Graphics 6	Graphics 7	
	Analysing at the differences between vectors and bitmaps.	Investigating how data in bitmaps is stored in binary form	Photoshop Skill Set (Bitmaps) practising manipulation of graphics.	Photoshop Skill Set (Bitmaps) practising manipulation of graphics.	Serif Draw Plus Skill Set (Vectors)	Serif Draw Plus Skill Set (Vectors)	Advanced Techniques and Evaluation	

	Jan-Feb					
Weeks	16	17	18	19	20	21
Spring Term	B	A	B	A	B	A
	Scratch 1	Scratch 2	Scratch 3	Scratch 4	Scratch 5	Assessment
	Basic skill building using sprites, backgrounds and movement.	Advanced skill building using variables for scores and timers.	Creating a 2D Game	Creating a 2D Game	Creating a 2D Game	Evaluation of game, looking at strengths and weaknesses and further improvements.

	Feb-April				
Weeks	22	23	24	25	26
Spring Term	B	A	B	A	B
	Database 1	Database 2	Database 3	Database 4	Assessment
	Discussing the difference between Electronic V Paper database	Investigating fields and datatypes to create validation	Database Creation using Microsoft Access	Queries and Reports to search based on criteria.	Evaluation detailing strengths and weaknesses and improvements to be made

	April-May					
Weeks	27	28	29	30	31	32
Summer Term	A	B	A	B	A	B
	Hardware	Storage Devices	Binary and Ascii	Hexadecimal	Adding Binary	Networks
	Disassembling a computer looking at CPU, RAM, ROM, PSU, hard drive, motherboard and heat sink.	Capacity, durability, portability and reliability of storage devices	Converting denary into binary and ASCII conversions	Converting Denary to Hexadecimal and back	Adding binary using the 4 rules	Looking at topologies to create networks.

	June-July						
Weeks	33	34	35	36	37	38	39
Summer Term	A	B	A	B	A	B	A
	Networks	Logic Gates	Python	Python	Python	Python	Python
	PAN LAN WAN, set ups and uses	AND OR NOT Logic Gates	Using the print function to display information	Input and Int functions to allow user to input integers	Using variables to store data	If and Else statements to create loops	Creating programs for real life scenarios