Curriculum Map KS3 ICT

Year 7

MONTH	SEPTEMBER / OCTOBER	NOVEMBER / DECEMBER	JANUARY / FEBRUARY
TERM	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1
UNIT	Digital Literacy and E-Safety	Spreadsheet Modelling	Algorithms
Topic 1	Health & Safety	Computer Models	Flowcharts
Topic 2	E-Safety + Cyberbullying	Financial Models	Flowcharts - Flowol
Topic 3	Fake News + Defamation	What If Scenarios	Sequencing
Topic 4	Etiquettes	Conditional Formatting & Validation	Sensors
Topic 5	Emails	Macros and Charts	Algorithms
Topic 6	Cyberbullying	Topic Reviews	Topic Reviews
Topic 7	Topic Reviews		
Assessment	Assessment 1		

MONTH	FEBRUARY / MARCH	APRIL / MAY	JUNE / JULY
TERM	Spring Half Term 2	Summer Half Term 1	Summer Half Term 6
UNIT	Database	SCRATCH	BBC Microbits and The Junior Apprentice Project
Topic 1	Introduction to Database	Introduction to Scratch	Introduction to Microbits
Topic 2	Creating Tables	Scratch Interface	Microbits Programming
Topic 3	Queries	Creating Sprites	Microbits Project 1
Topic 4	Input Forms	Sequencing Instructions	Microbits Project 2
Topic 5	Reports	Sequencing Instructions 2	Junior Apprentice
Topic 6	Finishing and Testing	Topic Reviews	Junior Apprentice
Topic 7	Topic Reviews		Topic Reviews
Assessment		MOCK EXAM	End of term Assessment on all projects

Year 8

MONTH	SEPTEMBER / OCTOBER	NOVEMBER / DECEMBER	JANUARY / FEBRUARY
TERM	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1
UNIT	Understanding Computers	Networking	Computer Crime and Cyber Security
Topic 1	Elements of a Computer	The Internet	Email Scams
Topic 2	The CPU	Connectivity	Hacking
Topic 3	Understanding Binary	Topologies	Protecting Personal Data
Topic 4	Binary Addition	Client Server Networks	Copyright
Topic 5	Storage Devices	Encryptions	Health and Safety
Topic 6	Convergence and New Technologies	Topic Reviews	Topic Reviews
Topic 7	Topic Reviews		
Assessment		Assessment 1	

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MONTH	FEBRUARY / MARCH	APRIL / MAY	JUNE / JULY
TERM	Spring Half Term 2	Summer Half Term 1	Summer Half Term 6
UNIT	HTML	Python	Python
Topic 1	Introduction to HTML	Introduction to Python	Writing Algorithms
Topic 2	CSS	Numbers and Arithmetic	While Loops
Topic 3	Design	Numbers and Arithmetic	While Loops
Topic 4	Development	Selection	Searching
Topic 5	Creating a Web Form	Selection	Searching
Topic 6	Topic Reviews	Writing Algorithms	
Topic 7		Topic Reviews	Topic Reviews
Assessment		Mock Exam	