Switched on Computing

Progression of skills and knowledge

YEAR	STRAND						Progression of skills and knowledge
	Programming	Computational thinking	Creativity	Computer networks	Communication/collaboration	Productivity	
	Planning, writing and testing computer programs for digital devices, from floor turtles to tablets.	Some of the computer science foundations – particularly algorithms, logical reasoning and decomposing problems into smaller parts.	Creating and refining original content using digital tools across a range of media.	Using and understanding the internet, the web and search engines, effectively and safely.	Making the most of computers and the internet for communicating with one or many, and working together on projects.	Collecting and analysing data and information using computers; organising, manipulating and presenting this to an audience.	
1	ENHANCED Unit 1.1 – We are treasure hunters	ENHANCED Unit 1.2 – We are TV chefs	ENHANCED Unit 1.3 – We are painters	NEW Unit 1.4 – We are collectors	ENHANCED Unit 1.5 – We are storytellers	ENHANCED Unit 1.6 – We are celebrating	
2	ENHANCED Unit 2.1 – We are astronauts	NEW Unit 2.2 – We are games' testers	NEW Unit 2.3 – We are photographers	ENHANCED Unit 2.4 – We are researchers	ENHANCED Unit 2.5 – We are detectives	ENHANCED Unit 2.6 – We are zoologists	
3	ENHANCED Unit 3.1 – We are programmers	NEW Unit 3.2 – We are bug fixers	ENHANCED Unit 3.3 – We are presenters	NEW Unit 3.4 – We are network engineers	ENHANCED Unit 3.5 – We are communicators	ENHANCED Unit 3.6 – We are opinion pollsters	
4	NEW Unit 4.1 – We are software developers	NEW Unit 4.2 – We are toy designers	ENHANCED Unit 4.3 – We are musicians	NEW Unit 4.4 – We are html editors	ENHANCED Unit 4.5 – We are co-authors	ENHANCED Unit 4.6 – We are meteorologists	
5	NEW Unit 5.1 – We are game developers	NEW Unit 5.2 – We are cryptographers	ENHANCED Unit 5.3 – We are artists	ENHANCED Unit 5.4 – We are web developers	ENHANCED Unit 5.5 – We are bloggers	ENHANCED Unit 5.6 – We are architects	
6	NEW Unit 6.5 – We are mobile app developers	NEW Unit 6.2 – We are project managers	NEW Unit 6.6 – We are marketers	NEW Unit 6.1 – We are app planners	NEW Unit 6.4 – We are interface designers	NEW Unit 6.3 – We are market researchers	