

Progression pathway	x	Covered generally	B Covered up to beginner level (PINK STRAND)	I Covered up to intermediate level (YELLOW STRAND)	A Covered up to advanced level (ORANGE STRAND)										
		Year R	Year 1			Year 2									
	Covered		Computer Skills	Online Safety	Word Processing	Cray Character Algorithms	Pizza Pickle Debugging	World Map Logic	Presentation Skills	Online Safety	Computer Art	SCRATCH/INCK-ING/CLIQUE ACTIVITY	Springtime	SCRATCH/TINKERING ACTIVITY	
<b>KS1 National Curriculum</b>															
<b>Digital Literacy</b>															
Uses technology safely	Yes		I	B	I		I	I	I	I	I	I		I	
Uses technology respectfully	Yes		X	B	X		X	X	X	B	X	X		X	
Keeps personal information private	Yes		X	B					X	B					
Identifies where to go for help and support when they have concerns about content or contact on the internet or other online technologies	Yes			B						I					
<b>Computer Science</b>															
Understand what algorithms are	Yes					B	B					B	B		
Knows how they are implemented as programs on digital devices	Yes							A			A			B	
Knows that programs execute by following precise and unambiguous instructions	Yes					B	B				B	B	B		
Create simple programs	Yes						B				I			A	
Debug simple programs	Yes					B	B				I	I	I		
Use logical reasoning to predict the behaviour of simple programs	Yes						I	A			A	A	A		
<b>Information Technology</b>															
Use technology purposefully to create digital content	Yes		B	B	B		B		B	B	I	A		A	
Use technology purposefully to organise digital content	Yes		B	B	B		B		B	B	A	A		A	
Use technology purposefully to store digital content	Yes		B	B	B		B		B	B	B	B		B	
Use technology purposefully to manipulate digital content	Yes		B	B	B		B	X	B	B	I	I		I	
Use technology purposefully to retrieve digital content	Yes		X	B	X		B		I	I	I	I		I	
Recognise common uses of information technology beyond school	Yes		B	B	B				B	I	I	I		I	
<b>KS2 National Curriculum</b>															
<b>Digital literacy</b>															
Uses technology responsibly	Yes		I	I	I		I	I	I	I	I	I		I	
Recognises acceptable/unacceptable behaviours	Yes			X			X	X	X	A	X	X		A	
<b>Computer Science</b>															
Designs programs that accomplish specific goals	Yes					B	B				I	B		A	
Uses sequence in programs	Yes					X	X				X	X	X		
Uses selection in programs	Yes													A	
Uses repetition in programs	Yes										I			I	
Works with variables	Yes													A	
Uses various forms of input and output	Yes		X	X	X		I	I	I		I			A	
Detects errors in algorithms	Yes					X	I				I	I	I		
Corrects errors in algorithms	Yes					X	I				I	I	I		
Understands computer networks including the internet	No														
<b>Information Technology</b>															
Evaluates data and information	Yes				X		B	X	B	X	I	A		A	
Uses a range of digital devices	Yes		X	X	X		X	X	X	X	X	X		X	
Uses a variety of software (including internet services)	Yes		X	X	X		X	X	X	X	X	A		A	
Combines a variety of software (including internet services)	Yes								X		X	A			