



**Learning Journey – Computing Programming Micro: bit**

Computing KS3			Baseline Position									
Topic	ELEMENT	Year Group	Step									
			1	2	3	4	5	6	7	8	9	
Programming – Micro: bit	I can re-create simple programs	7	■									
	I can debug simple programs	7		■								
	I can develop programs to do specific things	7			■							
	I can demonstrate that I understand what a variable is	7			■							
	I can use variables and assignment	7				■						
	I can use selection in my programming (if statements)	7				■						
	I can use two way selection in my programming (if, then, else)	7					■					
	I can use repetition in my programs	7					■					
	I can implement iteration (looping) with a basic understanding	7						■				
	I can implement loops that terminate based on a condition	7							■			
	I can implement iteration (looping) to make my programs more efficient	7								■		
	I can invent my own modular programs that use functions	7										■

Lesson	Learning Focus	Assessment
1	Revision lesson	
2	End of Year Exam	Assessment
3	Meeting the BBC Micro: bit	
4	Micro: bit development – Loops and Button Presses	Peer/Self-Assessment - Ongoing throughout the topic
5	Micro: bit development – Images on the Micro: bit	
6	Programming your Micro: bit – Independent creative Project	Teacher Assessment (WWW / EBI)
7	Programming - Micro: bit (Consolidation / Improvement / Reflection)	