COMPUTER SCIENCE
Digital learning for every mind

Year 9
Topic: Micro-bit

Confidence key:

🔴	I do not know at all	🟡	I need more studying to fully understand	🟢	I know and understand very well

	Confidence		
Must know	🔴	🟡	🟢
understand what the **MicroBit** is and the various components of the device.			
Understand the range of programming environments and how to write a simple program.			
Understand what **compiling** is and **how to flash** the compiled program to the device			
Understanding of **programming using the 'blocks'** language.			
Understand the art of decomposition and abstraction to help solve a problem- Use the online environment to make a dice game			
Understand how to program the **'Compass'** on the Micro:Bit			
Understanding of **coordinates** and see how they are used in developing **graphical programs**			
Write your own basic programmes in Python and create some **simple animations**			
Understand the use of the **micro-bit sensors to solve real world problems**.			

Assessment %	