KS3 Computing – Year 8

Learning Intentions Summer Term 2   2024-2025

	LESSON 1
WEEK 33 wc 2nd June	To understand what the Micro:Bit is. To understand the various components of the device. To understand the various programming environments.
WEEK 34 wc 9th June	To understand how to write a simple program. To understand what compiling is. To understand how to flash the compiled program to the device.
WEEK 35 wc 16th June	To develop our understanding of programming using the 'blocks' language. To practice the art of decomposition and abstraction to help solve a problem. To understand how to make use of the accelerometer.
WEEK 36 wc 23rd June	Understand how to program the 'Compass' on the Micro:Bit Further develop skills in problem solving (decomposition and abstraction) To further develop our skills in programming using the 'blocks' language.
WEEK 37 wc 30th June	To develop our skills in programming using the blocks language. To understand the purpose of variables. To develop understanding of coordinates and see how they are used in developing graphical programs.
WEEK 38 wc 7th July	To develop our skills in programming using the python programming language. To understand some simple python syntax. To realise the similarities with the way we program in python compared to blocks.
WEEK 39 wc 14th July	Students will be able to reflect on the year's learning and retrieve key knowledge and understanding