

Knowledge Organiser: AUTUMN 2

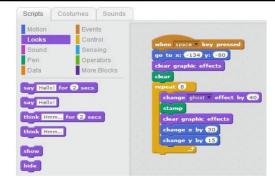
Year 4 Computing: Can you code? Scratch!

Vocabulary	Meaning
sprite	a character or object in a Scratch program
costume	a version of a sprite
backdrop	the picture behind your sprites
block palette	the place you can select Scratch blocks from
coordinate	a way of describing position using two numbers
x-coordinate	horizontal (left to right) position
y-coordinate	vertical (top to bottom) position
loops	a sequence of instructions that is continually repeated until a certain condition is reached
variable	a place where you store information in a program that might change, for example a player's score
apply	to bring or put into operation or use
code	program instructions
conditional	only happens in certain circumstances
keyword	a word that has special meaning to a computer
if	the keyword that Scratch uses to start a condition
algorithm	a set of rules to be followed in calculations by a computer
bug	a mistake or error in a program
debug	fix errors in a program



Key knowledge – block coding

Block code is used to convert software code into a more simplistic way of accessing it. The blocks link together to create an algorithm which is then applied to the program.



Key knowledge – coordinate

Coordinates are a way of describing position using two numbers or numbers and letters

