

Vocabulary	Meaning
programming	input (instructions for the automatic performance of a task) into a computer or other machine
instructions	a code in a program which defines and carries out an operation
algorithm	a process or set of rules to be followed by a computer
sequence	a particular order in which related things follow each other
variable	used to store information which will be used by a computer program at another time
programming	instructions telling the computer what to do which are written using code
store information	data that can be saved so that it can be used or changed at a later date
function	a basic task of a computer that can be programmed once and repeated easily
parameters	allow us to pass additional information into a function without changing the whole function that was initially created
debug	to identify and remove errors from a code
binary	a code which is made up of 0s and 1s which helps a computer process information
numbers	we count using a decimal based system (0-9), computers use binary (0s and 1s)
code	a piece of an algorithm which is designed to instruct an application or the computer to perform an action

Key knowledge

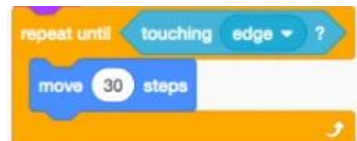
Loops - is something that is run over and over until a condition is met.



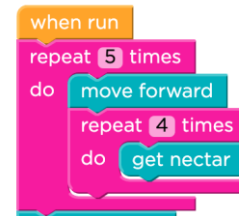
Counting loop – is a loop that repeats a particular action a certain number of times.



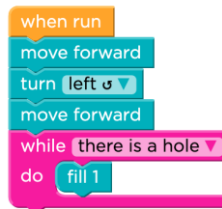
Conditional loop – is a loop that repeats a sequence of actions until a condition is met.



Nested loops - if a loop exists inside the body of another loop.



While loops - allows the code to know what to do if something happens.



For loop - counts from a starting value up to an ending value by a specific increment.

