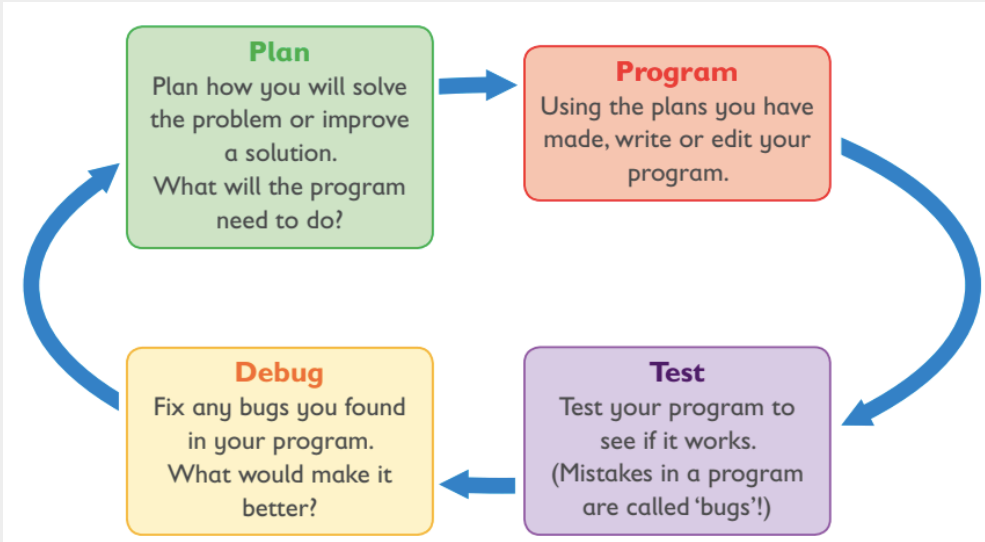
Year 5 Computing Knowledge Organiser - We are game developers

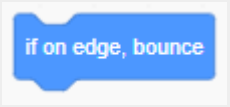
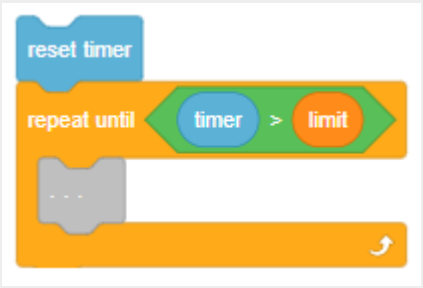
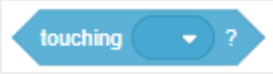
Key Vocabulary

algorithm	An algorithm is a set of instructions that we complete in order to achieve a task.
code	Computer code is a set of rules or instructions. It is made up of words and numbers and when you put them in the right order it will tell your computer what you want it to do.
debug	To fix the errors in a program.
executable	To be able to run by a computer.
programming	Computer programming is the process of designing and building an executable computer program to accomplish a specific computing result or to perform a specific task.
sprite	A computer graphics object that can be controlled (programmed) on its own.

Programming Cycle



Scratch Blocks

	If touching the edge of the screen, the sprite's direction flips over
	A loop that will stop once the condition is true.
	This scratch code will repeat a script until the time limit is reached.
	This scratch code will rotate the sprite to the right when the right arrow is pressed.
	When the sprite is clicked, the script below it activates.
	The condition for checking if the sprite is touching the mouse-pointer or another sprite.