Knowledge organiser – Y5 Programming

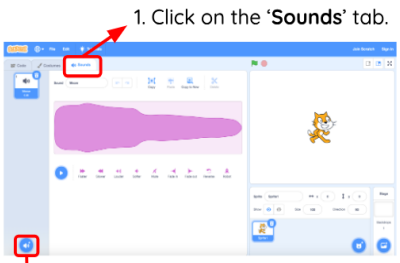
My Key Learning

What do I already know?

I know what a variable is and how to use them to keep track of a score.

I know what each block is used for in Scratch.

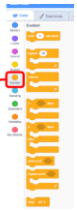
Key Vocabulary	Definition
sprite	A visual object that can be manipulated by code.
pitch	A musical term which refers to how high or low a note is.
command	A simplest instruction that can be used.
tempo	A musical term that refers to the speed of the music.
live loop	Like loops, but instead of repeating a number of times, they go on forever.
timbre	A musical term which refers to the speed of music.
soundtrack	A music recording that accompanies a film or tv show.
loop	A repeated sequence of instructions.



Adding a sound from the sounds tab.

Loop

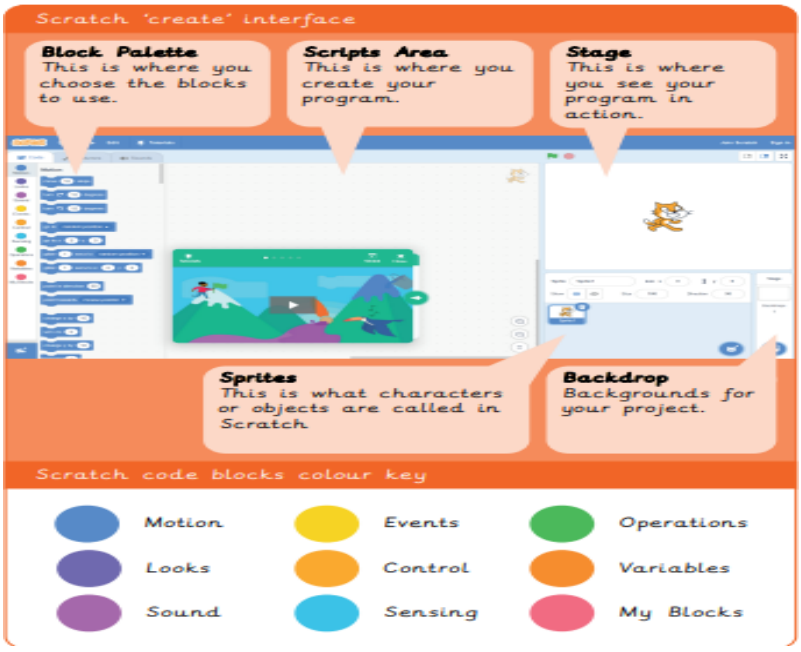
The '**Control**' code blocks will allow you to **loop** sections of music.



Debugging the loop code

All sounds to be repeated/**looped** need to be inside the '**repeat**' code block.

Look out for bugs (mistakes)when choosing and assembling your code such as:

- Blocks in the wrong sequence
- Ensure all blocks in a loop are placed inside your repeat block.

Different instruments can be found in the scratch block 'set instrument to' such as: Piano, cello, organ and guitar.