



Year 3 Computing Knowledge Organiser Spring 1

Programming – Sequencing sounds



1. Introduction to Scratch

- Each block in Scratch is called a **command**.
- Commands can control your sprite or stage.
- Attributes of a sprite: code, costumes, sounds.



2. Programming sprites

- In Scratch you add multiple sprites.
- The blue blocks are motion commands.
- You can change the number within the blocks.



3. Sequences

- Sequence : is a pattern or process in which one thing follows another.
- You can include an **event block** to start a project.
- The yellow blocks are called event blocks.



4. Ordering commands

- Each sprite has its own sound.
- You can change the order of the sound blocks.
- You can order notes into a sequence.



5. Looking good

- You can change the appearance of a sprite by going on 'costumes'.
- You can change and add a backdrop to your stage.

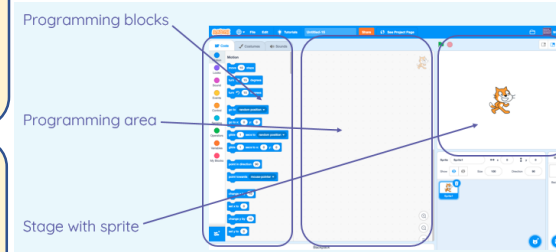







6. Making an instrument

- For a sprite to make a sound we need to plan an algorithm.
- If the algorithm isn't right we need to debug it.
- We can copy code from one sprite to another.

Key Vocabulary

Scratch	Is a programming software.
Programming	A set of ordered commands that can run by a computer to complete a task.
Blocks	Blocks are used to create a program. There is a variety of different blocks.
Commands	A single instruction that can be used in a program to control a computer.
Sprite	Is the object used in Scratch.
Code	The commands that a computer can run.
Backdrop	In Scratch we can add a backdrop to the stage.



	Make the frog move 10 steps	
	Make the penguin turn clockwise	
	Make the dog turn anticlockwise	