#### Year 3

# Hollybush Spinary School

## Knowledge Organiser: Computing

# Programming A — Sequence in Music

### In Year 2, you learnt:

- computers can only follow clear and unambiguous instructions
- different orders of instructions will affect the outcome
- algorithms and programs are predictable



Key Vocabulary	
costume	go to
stage	glide
backdrop	sequence
motion	event
turn	task
point in direction	design
note	chord
debug	
	costume stage backdrop motion turn point in direction note

Prog	ramming environments such as Bee-Bot and
A A	ScratchJr are similar because
	and different because
The sprite does this b	pecause
I enjoyed making my	sprite move because
If you	then
As a result of	I conclude that
After	I predict that
The sprite looks good	d because
30 800	decade

## Key Facts

- an object (sprite) can be controlled by commands
- programming blocks (Scratch) can be designed to control an on screen object sprite
- sequences can be created by joining blocks of code together
- even numbers and a representation of music are both examples of sequences
- a program can be started in a variety of ways
- a sequence of commands can have an order
- motion and sound can be combined in one sequence

when
load new
play chord A minor for D beat(s)
play chord D minor for 1 beat(s)  play chord D minor for 1 beat(s)  play chord D minor for 1 beat(s)
play chord G major for 1 beat(s)  play chord G major for 1 beat(s)  play chord G major for 1 beat(s)
play charten beat(s)
play chord G major for 1 beat(s)
for 1 beat(s)
Deat