Year 2/3 - Woodpeckers

<u>Computing - Scratch Junior</u> <u>Question - Can we use programming on a new application?</u> Summer 2B



What I should already know: Following, giving and debugging instructions, programming beebots, understanding algorithms.

What will I learn?		Key Vocabulary	Key Skills (National Curriculum)	
1.	Can we explore a	<u>Algorithm</u> - A clear set of instructions to carry out a task. <u>Animation</u> - Pictures or photographs in a sequence to	Pupils	will be taught:
	new application?	give the illusion of movement.	•	What algorithms are; how they
2.	Can we create an	Bug - An error or mistake in computer code.	,	are implemented as programs
	animation?	Code (computer) - A set of instructions written in		on digital devices; and that
3.	Can we use	programming language to tell a computer what to do.		programs execute by following
	characters as	Code (verb) - To write in a programming language		precise and unambiguous
	buttons?	(code).		instructions.
4.	Can we follow an	Data - Information used for a specific purpose or	2)	Create and debug simple
	algorithm?	investigation.		programs.
5.	Can we plan and use	Debug - To fix the error in code.	3)	Use logical reasoning to predict
	code to create an	Digital Content - Information and media such as videos		the behaviour of simple
	algorithm?	or pictures stored on a computer.		programs.
		<u>Error</u> - A mistake.	4)	Design, write and debug
		Essential - absolutely necessary and extremely		programs that accomplish
		important.		specific goals, including
		Icon - A small image which represents someone or		controlling or simulating
		something.		physical systems: solve
		Imitate - To copy.		problems by decomposing them
		Instructions - A list of commands and directions on how		into smaller parts.
		to do something.	5)	Use sequence, selection and
		Loop - A repeated sequence of instructions.		repetition in programs; work
		Repeat - To do the same again.		with variables and various
		<u>Scratch Jr</u> - A simple, block based application in which		forms of input and output.
		you can instruct Scratch, the cat.	6)	Use logical reasoning to explain

