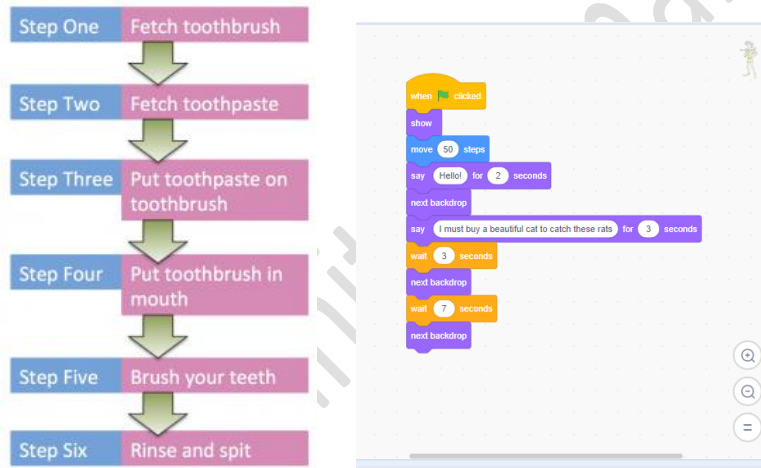


Selby Community Primary School Subject Knowledge Bank

Computing		Year 2	
Focus: Algorithms and Programming			
Age related vocabulary			
amend	To change or add to something.	Docs	A word processor that is used to create written documents
predict	To tell in advance	typing	to write using a computer or other device with a keyboard
digital devices	A piece of technology like an iPad	Log on	To sign in to an account using a digital device
precise	Exact instructions	profile	A collection of settings and information for a user
manipulate	To change and adjust	user	A person who uses computers for work or entertainment or communication or business
search engine	A tool used to search the internet		



Key Knowledge

- An algorithm is a list of rules to follow in order to solve a problem. Algorithms need to have their steps in the right order, for example getting dressed. When you write an algorithm the order of the instructions is very important.
- You can make anything you want with code. It could be a game, some pictures or a film. 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.
- Coding mistakes are called bugs. When your code goes wrong, you need to check your algorithm and then check your code.
- Robots are machines. There are lots of types of robots. They move in different ways and do all kinds of jobs. Because a robot is a machine we have to program it to do things. It only does what we tell it to do.
- Computer games work by setting a task you need to do. When you finish one task you can move on to a new one. When you make a game, you can decide what the tasks are and set the rules. You can make a computer game using code.