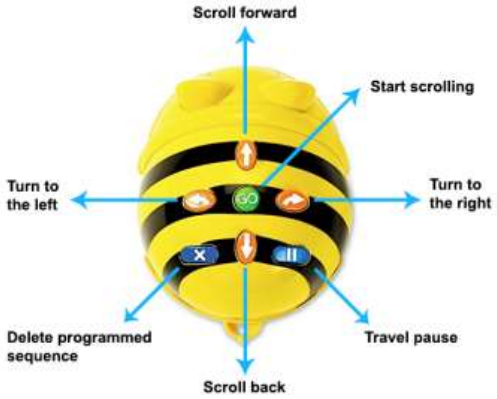
KS1 Computing Knowledge Mat- Algorithms

CYCLE A

Subject Specific Vocabulary	
Algorithm	A set of instructions designed to perform a simple task.
Program	A collect of instructions that are designed to perform a simple task that is executed by a computer.
Instruction	A clear sequence or plan.
Chunking	Break a task not smaller chunks.
debugging	Finding and fixing errors in algorithms.
Code	Program instructions.
Bee-Bot	A bee robot that is designed for to be used by young children
Sequence errors	An instruction in the sequence is wrong or in the wrong place
Keying errors	Typing in the wrong code
Logical errors	Mistakes in planning/thinking



Sticky Knowledge

I can explain a command

I can combine commands to make a sequence

I can combine four directional commands to make a sequence

I can plan a simple program

I can find a solution to a problem

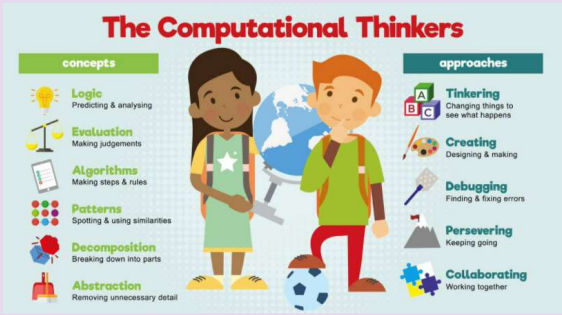
Aspirations

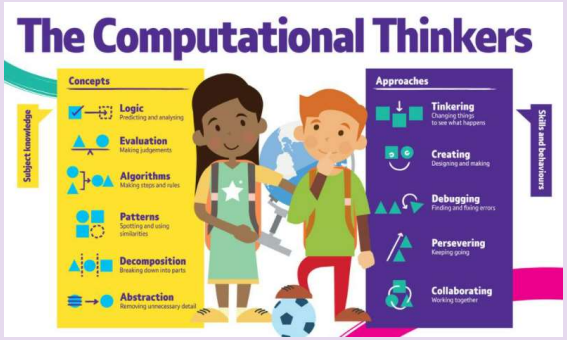
Algorithm developer

Programmer

Robot Designer

Coding and Algorithm fun





Crucial Connections

What is an algorithm? - KS1 Computing - BBC Bitesize

How to make a computer game - KS1 Computing - BBC Bitesize