

YEAR 1 – SUMMER 1 – COMPUTING Knowledge Organiser

Vocabulary

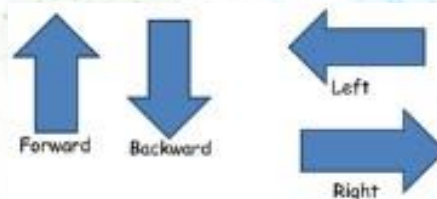
Instruction	A single step or task to be carried out
Sequence	A set of things or tasks in order
Algorithm	A set of (ordered) instructions to complete a task
Debug	Testing your program (and correcting it) if there are errors
Enact	To carry out (instructions)

Recap - What is a program?

A program is a set of instructions completed in order to achieve a task.

Programs are created using programming language. BeeBots can be programmed to go:

- Forwards
- Backwards
- Left
- Right

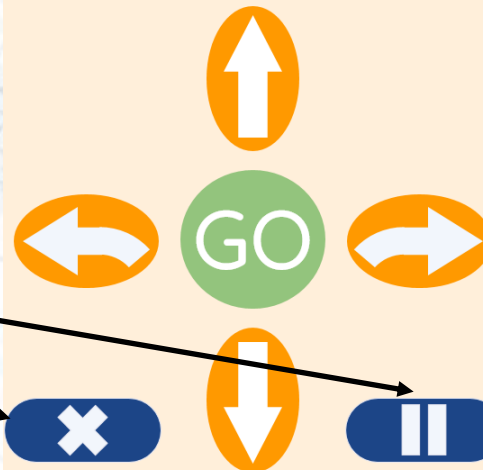


Controls

You must be able to explain what each of these buttons does on a BeeBot.

Pause program

Cancel program



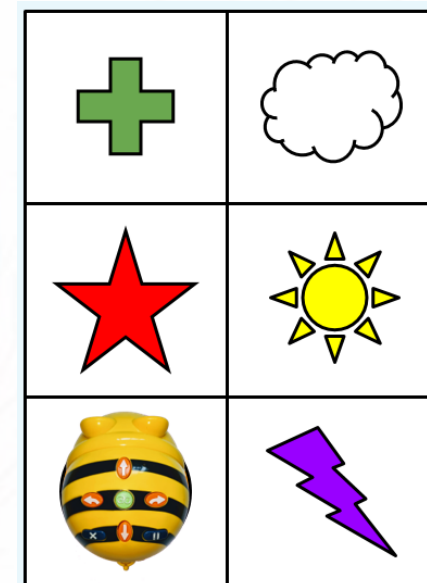
Algorithms

When we put together a set of instructions, it is called an algorithm.

This set of instructions allow us to reach the star on the board below:



This, more complex, set would take us to the cloud:



Youtube: https://www.youtube.com/watch?v=iNg5QLqYP_Y - Introduction to BeeBots