



GILES BROOK SCHOOL



Useful web links

<https://beebot.terrapiologo.com/>



Knowledge Organiser

Computing: Robot Algorithms


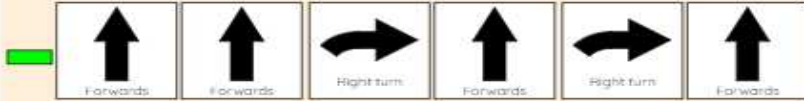

I already know:

- how to combine four direction commands to make sequences
- how to plan a simple program
- how to find more than one solution to a problem

Key Vocabulary

Algorithm	a set of instructions
Predictions	what you think will happen
Test	A trial to find out what your robot does
Debug	Debugging is when you find an issue in the program that you have written and repair it

Key learning

To know that programming projects can have code and artwork	<p>As well as instructions, computer programs contain artwork.</p> 
To know how to design an algorithm	<p>Draw an algorithm that will make the robot complete your planned route.</p> 
To create and debug a program that I have written	<p>Sometimes, there can be a problem in a program.</p> <p>Something in it is not quite right.</p> <p>It did not do what we wanted.</p> <p>This happens all the time in computer programming, and those problems need fixing. Fixing a program is called debugging.</p> 



Ada Lovelace was the first computer programmer.



Alan Turing designed the first modern computer.