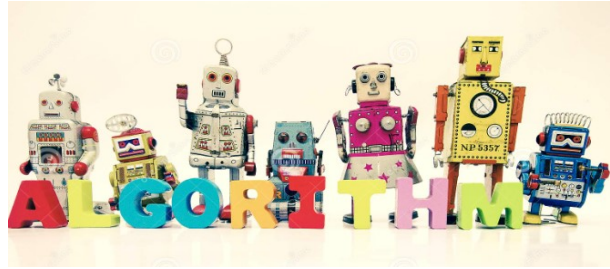


Innovation and Change

Introducing new ways and methods to make something better or easier.
 To make something different.

Prior Knowledge

In KS1 we have explored instructions in different forms. We have used and programmed bee-bots.



Key Vocabulary

Tier 1: left, right, forward

Tier 2: robot, instruction, mat, route

Tier 3: Preposition, debug

My Component Knowledge:

- Lesson 1: I can give simple instructions.
- Lesson 2: I can make predictions by using instructions.
- Lesson 3: I can make mats and routes.
- Lesson 4: I can identify what I like about the school environment.
- Lesson 5: I can work with a partner to create algorithms.
- Lesson 6: I can debug algorithms.

My Composite Knowledge:

I can learn about algorithms when creating a simple programme.

My Powerful Knowledge:

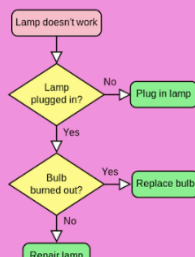
I can consider how algorithms can help us. I can work collaboratively to give simple instructions and predict whether they will be followed. I can consider how debugging helps to improve algorithms.



What is an algorithm?

Algorithm

A list of steps that you can follow to finish a task.



How does an algorithm help us?

Can you follow a set of instructions?