

Year 1, T1– Me and my community—Computing Knowledge Organiser

Subject Specific Vocabulary

Word	Simple Definition
command	Telling the robot what to do by pressing a button
program	The sequence of commands given to a robot
debug	Finding and fixing problems
algorithm	A set of instructions to be followed.

E-Safety

- Think very carefully before sharing any pictures online.
- Always ask a grown up before

E-Safety book:



Moving a robot

Robots follow clear, fixed commands in a predictable way. A sequence of commands form an algorithm.

We will be following and writing our own algorithms to follow different routes with the 'beebots'. This will practise our understanding of forwards, backwards, turn left, turn right.



Two of the buttons make the floor robot move forwards and backwards. Two of the buttons make the robot turn left or right but remain in the same place.

Interesting App

Bee-Bot

App store/
Google Play

Cost: Free

Aimed at: 4+



Your child will learn to program this device in school. The app will support them in their learning of directions and programming in ICT.

Home Challenge!

Write an algorithm to get to a location in your house e.g. to get a snack!