

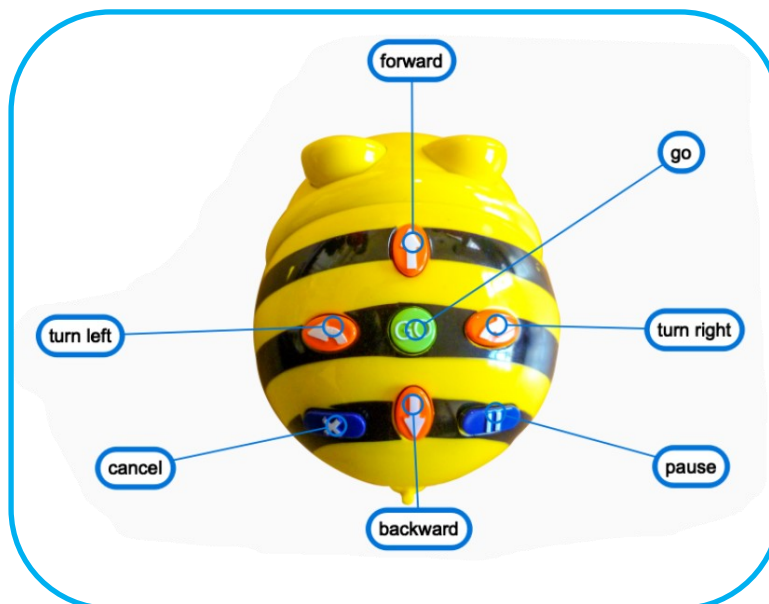
# We Are Treasure Hunters — Year 1

## Objectives

We are learning to:

- Understand what an algorithm is and be able to express simple linear algorithms symbolically
- Understand that computers need precise instructions
- Know that users can develop their own programs and can demonstrate this by creating a simple program using a programmable robot
- Understand that programs execute by following precise instructions

## Bee-bot



## Key Vocabulary

<b>instruction</b>	Tells you what to do.
<b>forwards</b>	Move the way you are facing.
<b>backwards</b>	Move backwards without turning round.
<b>turn</b>	Turn on the spot without moving.
<b>algorithm</b>	A list of instructions.
<b>program</b>	An algorithm written in a way a com-
<b>debug</b>	Find the errors in a program and correct them.

## Websites and Apps

The **Bee Bot** and **Blue Bot** apps are free. The **Daisy the Dinosaur** app (Apple products only) also provides a good platform for introductory programming.

<https://www.terrapiologo.com/emu/beebot.html> allows you to play with Bee Bot in a web browser.

An **instruction** tells you what to do; "Go to the X."

An **algorithm** is a list of instructions:

Step forward 1 step.  
Turn right.  
Step forward 1 step.

A **program** is an algorithm written in a way a computer understands:



## E-Safety

