



<https://www.bee-bot.us/emu/beebot.html>

# Programming Robots

**I Can program a Bee Bot to follow my Directions.**



**Say hello to Bee Bot!**

Can I understand  
the commands?

Left turn

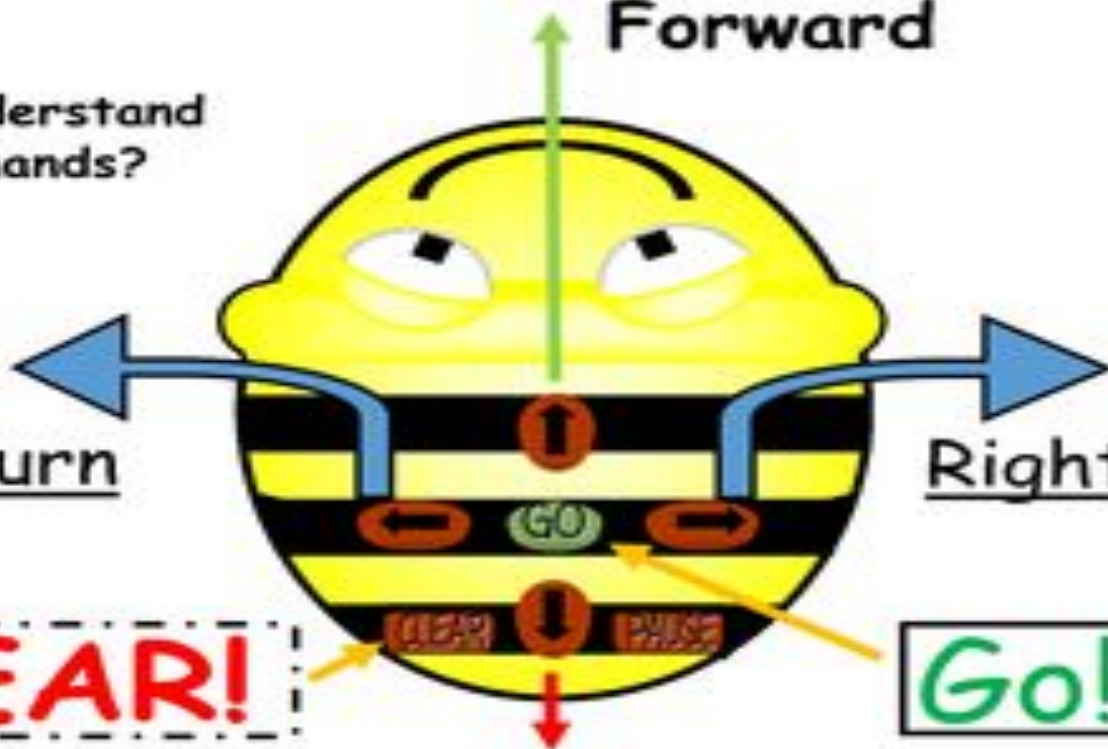
Right Turn

**CLEAR!**

**Go!**

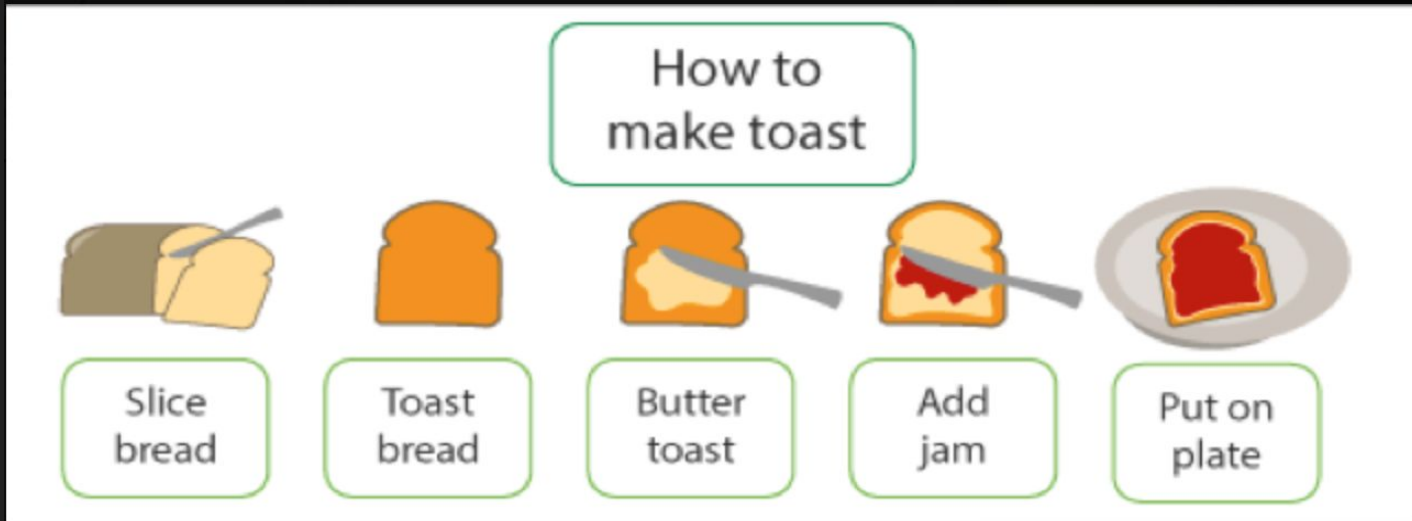
Backward

Forward



# Algorithms

- **Algorithms are a set of instructions that are used to solve a problem.**



# Introduce Group Roles

- **Thinker (think of the controls to be used)**
- **Programmer (presses the buttons)**
- **Checker (observe and check the buttons are inputted correctly)**



Can I understand  
the commands?

Forward

Left turn

Right Turn

**CLEAR!**

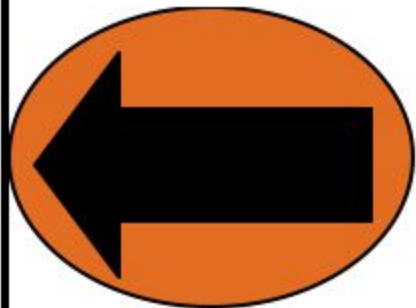
x

||

Go!

Backward





Left



Right

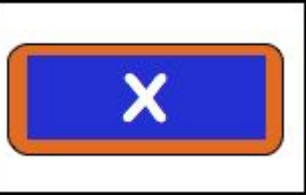


Forward



Backward





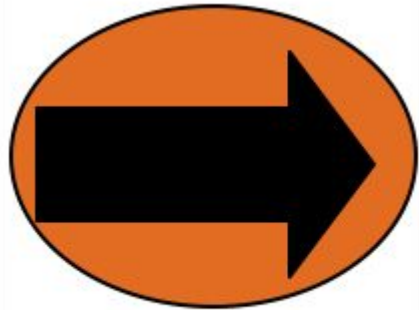
**Forward**



**Forward**



**Backward**



**Right**



# **Synchronised Bee Bot**

**We all let them go at the same time...**

**They should all go the same direction**

**Let's see!!**



# Now dancing bee bots

Create and play around with instructions and we will play music and let your bee bots have a dance – you can join in too!

