

Curious Kids!

citylibraries



Robot Disco - Challenge Sheet

1

The Challenge for all Curious Kids

- Technology is about creating solutions using science knowledge, practical skills, and tools. We are going to use Bee Bot Robots to learn about steps and logic.
- Let's make your robot move and dance.

2

What do we need?

- Bee Bot Robot: This robot can be loaned from your local Citylibraries branch.
- Lego Duplo
- Music or singing or own choice from phone
- Pens, paper, scissors, sticky tape, glue

3

Explore & Create

- Using a Bee Bot: The buttons on the top make them move by 15cm either left, right, forward, and backwards. By pressing the keys in a sequence and then the Go button, the robot will follow your coding instructions.
- Play, experiment, try. Did the robot do what you wanted it to do? Retry.
- Listen to a piece of music. Code the robot to dance to it and name your dance.

4

Question to Ask & Words to Use

- What did you do? What have you discovered? Did it work like you thought?
- What steps did you use? What next? What else could you try?
- Forward, backward, left, right, turn, coding, steps, logic, repeat, coder

5

Show & Share

- Perform the robot dance for your friends.
- How did it go? Can you make the dance go longer?