

busy street



Bee-Bot Introductory Activity

The Bee-Bot is a programmable floor robot suitable for students from Foundation to Year 2. The Bee-Bot may be used by students individually, in pairs or in small groups. Allow the students to experiment programming the Bee-Bot to move forward and back 15cm, to turn left or right 90 degrees, and to pause for 1 second. The Bee-Bot can be programmed up to 40 steps so the students can explore different programming steps with sounds and flashing lights to confirm and reinforce each step.

Once the students are confidently programming the Bee-Bot, introduce the Busy Street Mat with the following three activities to extend their learning experiences. Remind the students that in addition to visiting the shops, school and park, their Bee-Bot must safely stop for the road intersection.

Year Levels

Foundation to Year 2

Learning Focus

The Bee-Bot reinforces:

- Programming, control and direction—forward, back, right, left, pause;
- Problem Solving, exploration and prediction; and
- Sequence and order.

Australian Curriculum

Links to follow

To get started you will need

- Bee-Bot Rechargeable 392654 or Bee-Bot 258301 (powered by AA batteries)
- Bee-Bot Busy Street Map 261230



Program your Bee-Bot to visit the places listed in each activity

Activity One

Pause on the first place you visit. Your Bee-Bot needs to

- Visit the Bank
- Play in the Park
- Buy fruit at the Grocers
- Go to School
- Visit the Store

Activity Two

Pause on the first two places. Your Bee-Bot needs to

- Get money at the Bank
- Play on the swings
- Visit the flats
- Drink a cup of coffee
- Visit the house
- Have a haircut
- Fill up with fuel

Activity Three

Pause at each place. Your Bee-Bot needs to

- Get some money
- Buy apples and bananas
- Book a holiday
- Go home to the flats
- Fill up with fuel
- Post a letter
- Buy a pair of socks
- Return home to the house
- Go to School
- Buy some stamps
- Have a haircut
- Go home to the flats

Now try adding some extra 3D shapes to the mat.