



Bee-Bot

A Bee-Bot is a colourful, simple-to-use programmable robot for young children. The robot is perfect for teaching simple programming concepts, controls, directional languages, sequencing, estimations and problem-solving. Use the Bee-Bot's arrow keys to instruct it to move forward or backward in 15 centimetre steps, or turn left or right by 90 degrees. Then, press the go button to watch the robot move.

In the classroom

- Introduce students to the pre-programming concept of algorithm design by sequencing the Bee-Bot's movements.
- Introduce students to the pre-programming concept of abstraction by defining and breaking down a problem you would like the Bee-Bot to navigate.
- Encourage students to program the Bee-Bot to manoeuvre through a maze or map.
- Reinforce directional language using the Bee-Bot.
- Use the Bee-Bot's pre-programmed steps to assist in teaching measurement and estimation.
- Download physical resources or create your own to support the use of the Bee-Bot.

In the kit

Rechargeable Bee-Bot

USB charging cable

Battery run time: about 8 hours

\$0

\$1000

Getting started

1. Plug the USB cable into the charging socket located underneath the Bee-Bot. Then connect the cable to a power source.
2. A green LED light in the left eye of Bee-Bot will turn on. This means the battery is charging.
3. When the green LED light has switched off, the battery is fully charged and the Bee-Bot is ready to use.
4. Press the arrows on top of the Bee-Bot to program a pathway you would like it to travel along.
5. When you have finishing programming the pathway, press the GO button. The Bee-Bot will move along the pathway.
6. Press the CLEAR button to create a new pathway.

The Bee-Bot can remember up to 40 commands at one time.

Helpful links

[Bee-Bot on Scratch](#)

[Bee-Bot app on iTunes](#)

[Kristine Kopelke: Making your classroom buzz with Bee-Bots](#)

[AAMT: Bee-Bot maths ideas](#)

[Games in Education](#)

Information privacy policy: Students are not required to provide personal information to use the Bee-Bot out-of-the-box.

Purchasing and procurement: Purchasing guidelines can be found on [OnePortal](#). See your Principal or relevant Finance Delegation Holder for more information.

Please note: The Department of Education and Training does not endorse the use of any product or supplier. Before making any decision to purchase, ensure you have assessed, at a minimum, the product's educational benefits, value for money, risk, and warranty options.

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