

Get Programming

This kit will help you to get to grips with the basics of programming in the classroom. It contains:

- 1 x Bee-Bots
- 1 x Constructa-Bot
- 1 x Bee-Bot floor map
- 1 x tablet



Bee-Bot & Constructa-Bot

The Bee-Bots and Constructa-Bots both work in the same way.

Press 'Clear' to clear all the old instructions from the memory, add new instructions by pressing the direction arrows, and then press 'Go' to move the robot.

We suggest you use the mat provided with the Bee-Bot to structure the activity. This avoids children just pressing random buttons. You can ask children to try and get to different places on the mat.



TOP TIP: You can make your own mats for the Bee-Bots by folding a piece of flipchart paper 5x4. Each resulting square is the distance of 1 Bee-Bot movement.

iPad for Programming

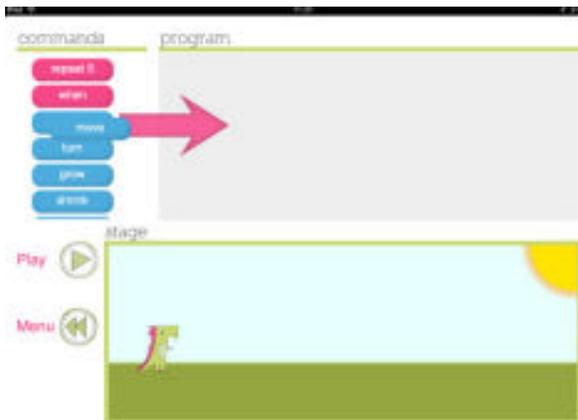
All our programming apps are in the 'Programming' folder on the iPads. Be aware not all the apps are appropriate for EYFS. We recommend you try the Bee-Bot app and Daisy the Dinosaur.



Bee-Bot App

The Bee-Bot app provides you with a virtual Bee-Bot. Just as with the physical robot, you have the four direction buttons, a 'Clear' button (to delete old instructions), a 'Pause' button, and a 'Go' button.

Using the Bee-Bot on the iPad can be more challenging than the physical ones. This is because the buttons are not aligned with the Bee-Bot on the iPad; when you turn the Bee-Bot, the buttons do not turn as well. This can confuse pupils who, once the robot has turned, naturally press the left or right buttons and get stuck, when instead they need to use the forward button.



Daisy the Dinosaur

Daisy the Dinosaur app is a simple coding game, where you drag instructions and link them together to make a list of actions for Daisy to follow.

There is a free play mode, where you can access all the instructions, or a challenge mode, where you have to reach the star to get to the next level.

In your classroom

- Robots: Use a gridded mat and encourage children to count the number of times they need to press the forward button to reach their destination.
- Robots: Build a maze using wooden blocks for children to get through.
- iPads: Use the iPads in combination with the robots. Help children to photograph or video their robot activity.