



Year 1

Bee Bots

Computer Science

Respect, Believe, Achieve

What do I already know?

- Recognise technology in homes and schools I use, like television
- Select and use technology for particular purpose
- I can make choices about the buttons and icons I press, touch or click on
- I can use the mouse, the keyboard and touchscreens

Key Words

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algorithm	A list of step by step instructions. (e.g. pick up toothbrush, open mouth, brush teeth)
prediction	A thoughtful guess about what will happen.
debug	Find and fix a mistake in the instructions.
program (v)	To tell a computer what instruction to do.
program (n)	A list of step by step instructions.

Our Learning Steps

1. Following instructions

I will use my voice and symbols to give step by step instructions to my partner.



2. Using Bee Bot App

I will learn to control the bee bot in an app by giving instructions - one at a time at first, then planning ahead.



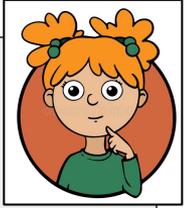
3. Have a go

I will learn what the buttons on a Bee Bot do. I will learn to check it is working properly. I will give the Bee Bot instructions that are given to me.



4. Predict and Plan

I will think about the instructions needed to make shapes and letters. I will test my algorithm and make changes until it works the way I want.



5. Debugging

I will make deliberate errors in programs. I will look at examples of algorithms that don't work and suggest changes.



6. Assessment: The Maze

I can press the buttons in the maze in the correct order to make my robot do what I want. I can begin to use software/apps to create movement and patterns on a screen. I can begin to predict what will happen for a short sequence of instructions.

