

I should already know

How to program Bee-Bots.

Directions – forward, back, right, left, up, down.

How to turn on and log into a MacBook

How to open an app on an iPad

Questions I will be able to answer by the end of the unit:

What are algorithms?

How to create and debug simple programs .

How to use logic to predict the behaviour of simple programs.

Key Vocabulary**Scratch**

A program where characters are built by snapping together code blocks

Code

Instructions (or sometimes rules) that can be understood by a computer

Sprite

A graphical character in a program that can be given its own sequence of instructions

Algorithm

A sequence of precise instructions or steps (sometimes a set of rules) to achieve an objective

Bug

An error or mistake in a program or algorithm, causing the computer or robot to behave in a way that was not originally intended

Debug

To correct mistakes in a program or algorithm

By the end of the unit, I will:

Plan a route from one hoop to another in the playground

Create a sequence of move instructions on screen

Record audio and add an instruction to play audio

Create a costume for a **sprite**.

