



# Year 1 SCRATCH Jr

## You have already learnt...

In the Autumn term, you used the **BeeBots** to create **algorithms** to make your **Beebots** move around a space or go somewhere you wanted. You understand how to use **codes** and **commands** to create **algorithms** to do something. You know that **algorithms** need to be in a **careful sequence**, and if it goes wrong, you can **de-bug** your **algorithm** to fix it.

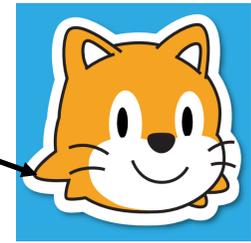
## Key Knowledge

Scratch Jr is an **app** on the ipads. You can use it to create **algorithms** for your **characters** on screen. These **characters** are called **sprites**. You **click** and **drag blocks** in a **sequence** to create an **algorithm**. You can make your **sequence** of **blocks repeat** so that it carries on forever. Your **character** will move on a **background** that you choose. You can also make your **sprites bigger** and **smaller** by **growing** or **shrinking**.

## Key Skills

- Understand that programs need precise instructions.
- Carry out and debug simple programs on Ipad using Scratch JR
- Use reasoning skills to predict the behaviour of a program, using Scratch JR.

This is what the **app** on the ipads looks like.



Word	Definition	Picture
background	The stage (or everything) behind the sprites (or characters) on the screen.	
blocks	Blocks are puzzle-piece shapes that are used to create code in Scratch.	
character	A computer graphic that can be moved on-screen.	
repeat	This runs the script over again.	
sequence	A list of numbers, words or instructions in a special order.	
shrink	To make something smaller.	
sprite	A computer graphic that can be moved on-screen.	

This is where you can add new characters and sprites

This is the **background** where your sprite will move

These are the **blocks** you can choose from to make your **algorithm**

This is what your **algorithm** might look like

This is what you'll click to make your sprite go



This is what the **repeat** will look like

## Next you will learn...

In Year 2, you will use Scratch on the Computers to make algorithms