ScratchJr Knowledge Organiser
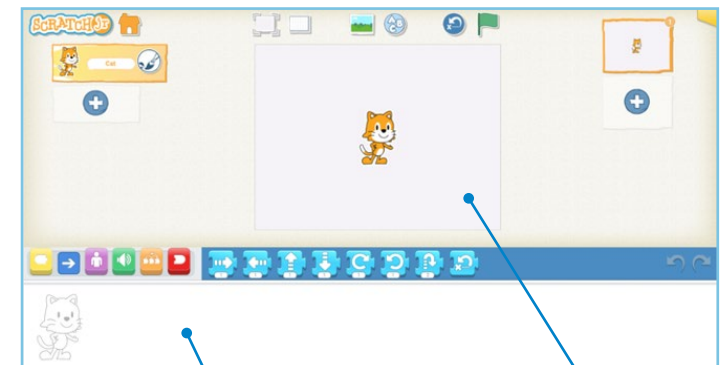
Key Vocabulary

algorithm	A list of step-by-step instructions that a computer follows in order to get a task done. ScratchJr calls this a **script**.
background	An image that appears on the **stage**, behind the **characters**.
blocks	Puzzle-shaped pieces that are used to create the **script**.
character	An image that can be moved on the **stage** using a **script**.
debug	To find, remove or correct errors in a computer program.
programing area	The area on ScratchJr where blocks are joined together to form the **script**.
script	An **algorithm** that controls a **character** and is created by joining **blocks** together in the **programming area**.
stage	The area where the **script** is played. You can view the **characters** moving here as they perform their **algorithms**.

What is ScratchJr?

ScratchJr is an app which lets you create your own interactive stories and games. Programming **blocks** are joined together to make **characters** move and act in different ways.

What Does ScratchJr Look Like?

programming area   stage

This is the ScratchJr Interface. When you open ScratchJr and start a new project, this appears on your screen.

ScratchJr Knowledge Organiser

ScratchJr Programming Blocks

Triggering Blocks

Motion Blocks

Looks Blocks

Sound Blocks
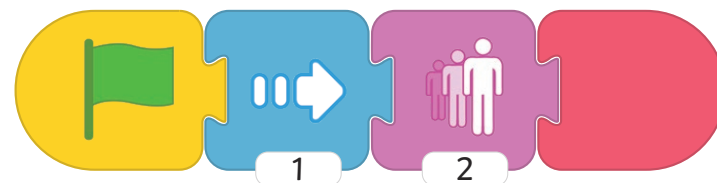

Control Blocks

End Blocks

Creating a Programming Script

Programming **blocks** are joined together to create a programming **script**. Most **scripts** start with a **Triggering Block** and finish with an **End Block**.

Debugging

Sometimes a **script** doesn't work exactly how we want it to. This might be caused by an error in the **algorithm**.

If an **algorithm** doesn't work how you expect it to, you need to **debug** it by finding and fixing the error. You might need to try more than once to fix the problem - don't give up!