

Programming B - Programming animations

Vocabulary	Word Definition
Sprite	The images/characters on the computer screen on Scratch programming (e.g. a cat).
Command	Giving the computer an instruction.
Direction	The path along which something moves (forwards, backwards, left, right).
Algorithm	A set of rules to be followed by a computer.
Sequence	A set of logical steps (instructions) carried out in order.
Debug	To identify and remove errors from a computer system/software.

What is Scratch JR?

Scratch JR is an app where children can program their own interactive stories and games using characters and different backgrounds.



Questions

1. How is moving a sprite on Scratch Junior similar to moving the Bee-Bots last term?
2. Can I follow an algorithm to complete simple programs?
3. Can I design my own project on Scratch Jr?

In Scratch JR there are different blocks that perform different commands when used.

- Triggering Blocks
- Motion Blocks
- Looks Blocks
- Sound Blocks
- Control Blocks
- End Blocks

These blocks are used to create a sequence of instructions (an algorithm).

Shrink



Decreases the character's size.

Grow



Increases the character's size.

Hide



Fades out the character until it is invisible.

Show



Fades in the character until it is fully visible.

Repeat Forever



Runs the script over and over.