



Waterbeach Community Primary School

Curriculum Capture for Year 2 Computing: Quizzes

Key Knowledge

What is a sequence?

In computing a sequence is the order in which things happen. It is a set of commands that has an outcome. Just like in real life, programs on computers run in sequence. In **ScratchJr** sequences need to be started and run. **Programs in ScratchJr are read from left to right.** This is the sequence of instructions. When you start the code, it runs in the order shown.



What is an outcome?

A sequence of commands, or instructions, will always have an **outcome**. When you put together a sequence of commands in ScratchJr, it will create a sequence that has an outcome-the command being done. For example, the command telling the sprite to move five blocks to the left The same outcome can be achieved in different ways by creating different sequences.

How do I make an animation on ScratchJr?

On ScratchJr the background can be changed and the sprite can have a speech bubble through using **animation**. This can be done through using **different blocks** when making an algorithm. . At least two different backgrounds need to be included in the sequence to animate the background. The words that the sprite says can also be changed in the sequence.

How do I change a design?

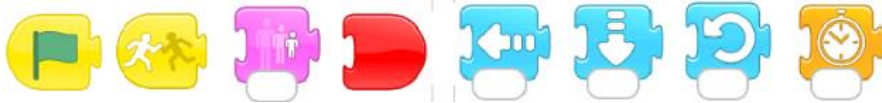
ScratchJr can be used to make interactive quizzes. This is done through creating a sequence with a question, background, an animated sprite and an outcome to the question. This is based on using a quiz about animal habitats that can be changed.

How do I create my own program?

On ScratchJr an algorithm can be made to have a program that has its own questions, backgrounds and animation based on the child's design. A sequence of blocks (instructions) will need to be made. The program can be made more complex with more blocks.

How do I evaluate my program?

Evaluating a program involves checking that the program matches the design and if improvements can be made. Debugging a program is fixing a mistake in the sequence so that the algorithm has the correct outcome.



Useful Websites

Scratch Jr explained [ScratchJr](https://www.scratchjr.net/)



Vocabulary

Algorithm	A set of given commands that are performed by a computer.
Sprite	A picture used in computing that performs commands.
Sequence	The order in which commands happen on a program.
Debugging	Removing errors from a computer program.