

Glenfield Infant School Knowledge Organiser



Year 2- Summer 2

Computing

Programming- Quizzes

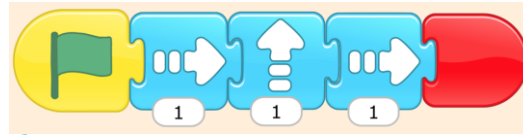


What should I already know?

I have used Scratch Jnr in Year 1 to program a sprite on the screen. I know that commands tell the sprite what to do. I have learned how to move a sprite. I can join command blocks together

1. What can you find out about a sequence of commands?

Sequences of events happen in the **real world** and in **computer programs** like Scratch Jnr.



A sequence is the order in which events happen. A sequence of commands has a start.

4. Can you make a quiz in Scratch Jnr?

Question	Background	Sprite	1. Start on tap	2. Yes or No	3. Stop or change to ___ background?
Who lives here?			Tap cat	Say "No"	Stop
			Tap fish	Say "Yes"	Change to empty room background



The background and characters can be changed. The 'say' block can be used to show the quiz answers.

Vocabulary

sequence	a specific step by step order of instructions
command	a clear, single instruction given to a computer to tell it what to do
outcome	the result of an action or sequence
block	an instruction or command tile in Scratch Jnr
sprite	a character that you can program on a computer screen
quiz	A short fun game where you choose an answer
algorithm	a set of instructions used to complete a task
debugging	finding and fixing mistakes in a computer program

2. What happens at the end of a sequence of commands?



The outcome is that the rocket will land on Earth!



At the end of a sequence of commands there is an outcome. This is the result of the sequence.

3. Can you create your own program?

This will change the background.

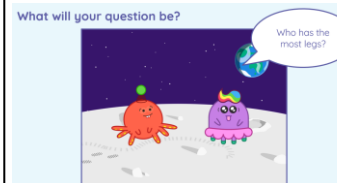


This can make the sprite talk.



Different blocks in Scratch Jnr give different commands. There is a 'say' block and a 'start on tap' block.

5. Can you use your own design to make a quiz in Scratch Jnr?

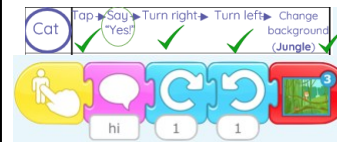


1. Choose a question
2. Choose your background
3. Choose your sprites and answers



To have your own design you need to choose your own backgrounds and sprites. You must make sure your sequence of blocks matches your design.

6. How can you improve your design?



Check your algorithm for bugs!



Green blocks are sound blocks



Debugging corrects any mistakes so will improve a design. Adding more features makes the design more interesting.