




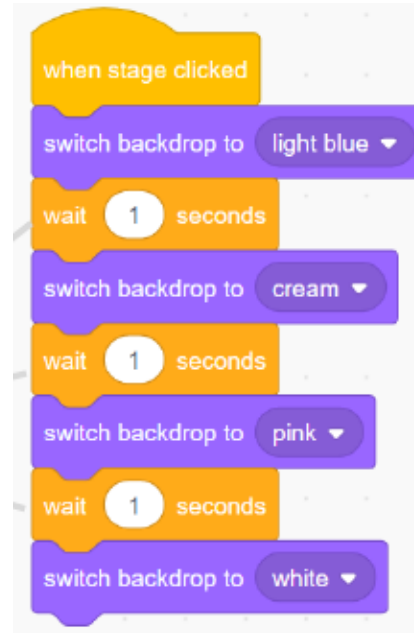
Computing Knowledge Organiser		
Year group:3	Topic link:	Element of Computing: coding
Key Question: What are sequences in coding?		



Key Vocabulary	
Inputs	An input is data that is entered in to or received by a computer. This could include a user pressing a key on a keyboard, clicking a mouse to select something on screen, or a light sensor sensing light levels.
Sequences	Sequence, the order that commands are executed by a computer, allows us to carry out tasks that have multiple steps. In programming, sequence is a basic algorithm: A set of logical steps carried out in order.

Mediums and Resources

Scratch – either on IPads or Laptops

My outcome will be
To code an app that includes a sequence of commands

What key knowledge will I have by the end of this journey?
The function of the different coding blocks used in scratch particularly CONTROL and MOTION
Understand what a sequence is in the context of coding
Know what applications are and how they are different to standard computer functions

What key skills will I have by the end of this journey?
Effectively use the coding blocks for a sequence involving movement, sound and look.
Be able to make changes to existing code to affect the outcome.

Links to previous and future learning			
In Year 3 Use inputs and sequences to make a simple app	In year 4 Use count controlled loops	In Year 5 Use conditional starts in an app	In year 6 Develop an app/ game/ device using knowledge of coding