Keychain Computing

Scheme of Work for Reception

https://www.keychaincomputing.co.uk Log in and create a free account.

		Unit of work	Resources	Adapted sequence in line with LTPS curriculum.
Autumn		**E-Safety** • how to put things in sequence. • know what to do if I see something on the internet that makes my 'tummy feel funny.	IWB	
		A cat on a mat • How to drag and drop • How to use a keyboard to type • How to use a mouse/touch screen • How to navigate an eBook • How to sequence words to make a sentence.	iPad and keyboards	
		Music Algorithms • How to use a mouse or touch screen • To create a piece of music • Know how to create a basic algorithm • Know how to debug an algorithm	iPad and keyboards https://musiclab.chromeexperiments.com/Song-Maker/	
Spring		**Algorithms – coding blocks** • Know how to follow an algorithm • Know how to create a simple algorithm • Know how to debug an algorithm • How to drag and drop using a mouse or touch screen.	Print out sheets iPad https://www.keychaincomputing.co.uk/intro-to-algorithms	E-safety (due to starting in spr 1)
		Algorithms – Jam Sandwich • Know how to follow an algorithm • Know how to create a simple algorithm • Know how to debug an algorithm • Know how to create a sequence of instructions.	Ingredients to make a jam sandwich Print outs	

	Sorting • Know how to sort objects into groups • How to put objects in the correct order. • Know how to order objects by height.	Objects/sorting trays https://www.keychaincomputing.co.uk/coloured-counter-drop	Farmyard fun sorting zoo and farm animals Spring 1 Wk 5 Spring 1 Wk 6 Sorting jungle and polar animals Spring 2 Order the height of plants/ seedlings growing
	Patterns • How to spot a repeating pattern. • How to identify the next object in the pattern. • Know how to make my own patterns • Know how to make simple rhythms with repeating pattens	https://www.keychaincomputing.co.uk/patterns-a-b-colours https://www.keychaincomputing.co.uk/pattern-a-b-shapes https://www.keychaincomputing.co.uk/patterns-a-b-animals https://www.keychaincomputing.co.uk/patterns-a-b-minibeasts	
Summer	**Martha Monkey** • Know how to drag and drop objects • How to count to 10 • Order days of the week	https://read.bookcreator.com/kATKyvMH4wU9aAQebrd4aGwqchF2/M_dCsYiHRuKgQoow_rOGFA https://www.keychaincomputing.co.uk/martha-monkey	
	Bees in the Garden • Know how to move an object using algorithms • How to create an algorithm	https://www.keychaincomputing.co.uk/bees-in-the-garden Print outs	
	Handling Data • How to display items in a pictogram. • How to create a pictogram. • I can read a pictogram and answer questions.	https://www.j2e.com/jit5#pictogram Print outs	
	Handling Data • I can display items in a pictogram. • How to create a pictogram. • I can read a pictogram and answer questions.	https://www.j2e.com/jit5#pictogram	