

COMPUTING CURRICULUM Whole School Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	Knock, Knock	Celebrations	There and Back Again		Eggs	Out and About
	Creating content		Basic algorithms (Beebots) Creating content Mouse skills			Basic algorithms Creating content Using a range of devices e-safety: Keeping safe on the internet
Year 1	Hunting and Hiding		Me and my Wonderful World		Beside the Sea	
	Basic algorithms Creating, organizing and presenting content Inputs and outputs (mouse skills, keyboard knowledge, printing) Using a range of digital devices		Creating and testing a series of instructions e-safety: Safety online		Saving, storing and retrieving content Creating content	
Year 2	Knights, Castles and Dragons		Ice and Fire		Wild and Wonderful	
	Different forms of input in coding Creating content and presenting information Saving and retrieving work; use of laptops e-safety: Keeping personal information private Altering text, and combining text and images		Different forms of input and debugging instructions Creating content Collecting information form effective web searches Recognising uses of technology for communication and collaboration e-safety: Knowing how to get help		Applying knowledge of inputs and debugging Creating, organising and manipulating content Further knowledge of keyboard	
Year 3	Rumble in the Jungle		Passport to Europe		Digging up the Past	
	Sequence and animation in algorithms Using software to organise content Using and combining software e-safety: Benefits and risks of technology for communication		Conditional events and selection in algorithms Communication networks e-safety: Benefits and risks of technology for communication Typing skills		Applying understanding of sequencing and conditional events Using and combining software	
Year 4	Walk Like an Egyptian		Mighty Mountains and Raging Rivers	Born in the USA	Cool to be me	Invaders and Settlers
	Sequence, repetition, inputs and debugging Using search technologies effectively e-safety: Responsible use of the internet		Using e-mail Typing skills e-safety: e-mail safety		Introduction to variables, repetition and loops Selecting, using and combining software Selecting, designing and creating content e-safety: Behaving responsibly	
Year 5	Astronomical!	The Terrible Tudors	Groovy Greeks		London Calling	
	Speed, direction and co-ordinates in coding Random numbers and simulations Applying understanding of skills learnt in coding		Communication and collaboration - using wikis Collecting, analysing and evaluating information. e-safety: Chatting with care; Using text and picture messaging; Safe profiling on social networks		Create and edit a film (either London or Goring seafront). Digital literacy – understand that you have to make choices when using technology and that not everything is true or safe.	
Year 6						

