The Kite Primary Federation Computing Overview

Cycle 1 2023 / 2024				Cycle 2 2024 / 2025		
Year 1/2	**Year 3/4**	**Year 5/6**		**Year 1/2**	**Year 3/4**	**Year 5/6**
R – Computing through continuous provision 1/2 Computing systems and networks 1 – What is a computer? 1/2 Algorithms unplugged Online safety	Y3 – Catch up Unit 1 Y3 – Catch up Unit 2 Online Safety	Computing systems and networks Y5 (AT1) Programming 1: Music Y5 (AT2)	**Autumn**	R - Computer systems & Networks - Using a computer Computing systems and networks – improving mouse skills Programming 1 - Algorithms and debugging Online safely	Computing Systems and Networks; Collaborative Learning Programming 1; Scratch	Computing Systems and Networks – Bletchley Park Y6 (AT1) Creating Media History of Computers Y6 (AT2)
R- programming 2 - programming Beebots 1/2 Programming 2 - Bee-bots Skills showcase – Rocket to the moon	Computer Systems and Networks 1; Networks and the internet Programming; Scratch	Data Handling - Mars Rover 1 Y5 (ST1) Programming 2 – Microbit Y5 (ST2)	**Spring**	Computer systems and networks 2 - Word processing Data handling – international space station	Creating Media; Website Design Skills Showcase; HTML Online Safety	Programming Intro to Python Y6 (ST1) Dating Handling 1: Big Data Y6 (ST2
Creating media - Digital Imagery (google / office 365) Data handling – introduction to data	Computing systems and networks 3; Journey inside a computer Data Handling; Comparison Cards Database	Skills Showcase – Mars Rover 2 Y5 (SuT1) Online Safety Y5 (SuT2)	**Summer**	Programming 2: ScratchJr Creating media: stop motion	Programming 2; Computational Thinking Data Handling; Investigating Weather	Skills Showcase – Inventing a Product Y6