Northiam Church of England Primary School and Nursery

Where every child flourishes and every day holds an abundance of opportunities.

COMPUTING Overview

	Cycle	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS		**Transitions**	**Computing systems and Networks** Using a computer	**Programming** All about instructions	**Computer systems and Networks** Exploring hardware	**Programming** Programming Bee-bots	**Data Handling** Intro to data
Year 1/2	A	**Computing systems and Networks** Online safety 1 Improving mouse skills	**Programming** Online safety 2 Algorithms unplugged	**Skills showcase** Rocket to the Moon	**Computing systems and Networks** Online safety 3 What is a computer?	**Programming** Online safety 4 Algorithms and debugging	**Computer systems and Networks** Word processing
	B	**Programming** Online safety 1 Bee-bots	**Creating media** Online safety 2 Digital imagery	**Data handling** Introduction to data	**Programming** Online safety 3 Scratch Jr	**Creating media** Online safety 4 Stop motion	**Data handling** Online safety 5 International space station
Year 3/4	A	**Computing systems and Networks** Online safety 1 Emailing	**Programming** Online safety 2 Programming Scratch Jr	**Creating media** Video trailers	**Creating media** Online safety 3 Website design	**Programming** Online safety 4 Further coding with Scratch Jr	**Programming** Computational thinking
	B	**Computing systems and Networks** Online safety 1 Networks and the internet	**Data Handling** Online safety 2 Comparison cards	**Computing systems and Networks** Journey inside a computer	**Computing systems and Networks** Online safety 3 Collaborative learning	**Data Handling** Online safety 4 Investigating weather	**Skills showcase** Online safety 5 HTML
Year 5/6	A	**Programming** Online safety 1 Micro:bit	**Data Handling** Online safety 2 Mars Rover 1	**Data Handling** Mars Rover 2	**Computing systems and Networks** Online safety 3 Bletchley park	**Creating media** Online safety 4 History of computers	**Skills showcase** Inventing a product
	B	**Programming** Online safety 1 Programming: music	**Creating media** Online safety 2 Stop motion animation	**Computing systems and Networks** Search engines	**Data Handling** Online safety 3 Big data 1	**Data Handling** Online safety 4 Big data 2	**Programming** Online safety 5 Introduction to python