



Whole School Curriculum Design: Computing Long Term Planning Sequence of Learning



2024-2025

	Autumn 1 7 weeks	Autumn 2 8 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 6 weeks	Summer 2 7 weeks
RECEPTION	Although the 'Technology' strand has been removed from 'Understanding the World' in the new EYFS curriculum 2021, the children in the Early Years will continue to their build confidence when using technology purposefully through cross curricular links, such as communication and language, mathematics, physical development and the characteristics of effective learning.					
YEAR 1						
Purple Mash Unit	Practising logging onto the Network	Developing control of the mouse/ tracker pad	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 MUST BE TAUGHT FIRST	Unit 1.4 Lego Builders Number of lessons – 3	Unit 1.6 Animated story books Number of lessons 5	Unit 1.9 Technology outside school Number of lessons – 2
OPTIONAL EXTRA UNIT	Logging onto Purple Mash		Unit 1.2 Grouping & Sorting Number of lessons – 2		Unit 1.7 Coding Number of lessons	
YEAR 2						
Purple Mash Unit	Unit 2.1 Coding Number of lessons – 6	Unit 2.2 Online Safety Number of lessons – 3	Unit 2.6 Creating Pictures Number of lessons – 5	Unit 2.5 Effective Searching Number of lessons 3	Unit 2.7 Making Music Number of lessons – 3	Unit 2.8 Presenting Ideas Number of lessons 4
OPTIONAL EXTRA UNIT	Unit 2.3 Spreadsheets Number of lessons – 6		Unit 2.4 Questioning Number of lessons– 4			
YEAR 3						
Purple Mash Unit	Unit 3.1 Coding Number of lessons – 6	Unit 3.2 Online safety Number of lessons – 3	Unit 3.5 Email (including email safety) Number of lessons – 6	Unit 3.8 Graphing Number of lessons – 3 Programs – 2Graph	Unit 3.10 Micro:bits Number of lessons-4	Unit 3.9 Presenting (with Microsoft PowerPoint or Google Slides) Number of Lessons – 5 or 6
OPTIONAL EXTRA UNIT	Unit 3.7 Simulations Number of lessons – 3		Unit 3.4 Touch Typing Number of lessons – 4		Unit 3.3 Spreadsheets Number of lessons – 3	
YEAR 4						
Purple Mash Unit	Unit 4.1 Coding Number of lessons – 6	Unit 4.6 Animation Number of lessons 3	Unit 4.2 Online safety Number of lessons – 4	Unit 4.7 Effective Search Number of lessons – 3	Unit 4.9 Making Music Number of Lessons – 4	Unit 4.11 Micro:bits Number of lessons 4
OPTIONAL EXTRA UNIT	Unit 4.5 Writing for different audiences Number of lessons - 5		Unit 4.8 Hardware Investigators Number of lessons - 2		Unit 4.5 Logo Number of lessons 4	
		Computer Science		Information Technology		Digital literacy