

Computing Overview

Whole school units of learning

Theme Key:		
Computer Science	Information Technology	Digital Literacy

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Personal, Social and Emotional Development links	Personal, Social and Emotional Development links	Physical Development links	Physical Development links	Understanding the World links	Understanding the World links
Reception	Personal, Social and Emotional Development links	Personal, Social and Emotional Development links	Physical Development links	Expressive Arts and Design links	Personal, Social and Emotional Development links	Expressive Arts and Design links
Year 1	Unit 11 Online Safety & Exploring Purple Mash Weeks - 4 Programs - Various	Unit 1.3 Pictograms Weeks - 3 Programs - 2Count	Unit 1.5 Maze Explorers Weeks - 3 Programs - 2Go	Unit 1.6 Animated Story Books Weeks - 5 Programs - 2Create A Story	Unit 1.7 Coding Weeks - 6 Programs - 2Code	Unit 18 Spreadsheets Weeks - 3 Programs - 2Calculate
	Unit 12 Grouping & Sorting Weeks - 2 Programs - 2DIY	Unit 1.4 Lego Builders Weeks - 3 Programs - 2DIY				Unit 1.9 Technology outside school Weeks - 2 Programs - Various
Year 2	Unit 2.1 Coding Weeks - 5 Programs - 2Code	Unit 2.3 Spreadsheets Weeks - 4 Programs - 2Calculate	Unit 2.4 Questioning Weeks - 5 Programs - 2Question, 2Investigate	Unit 2.5 Effective Searching Weeks - 3 Programs - Browser	Unit 2.6 Creating Pictures Weeks - 5 Programs - 2PaintAPicture	Unit 2.7 Making Music Weeks - 3 Programs - 2Sequence
	Unit 2.2 Online Safety Weeks - 3 Programs - Various					Unit 2.8 Presenting Ideas Weeks - 4 Programs - Various
Year 3	Unit 3.1 Coding Weeks - 6 Programs - 2Code	Unit 3.2 Online safety Weeks - 3 Programs - Various	Unit 3.4 Touch Typing Weeks - 4 Programs - 2Type	Unit 3.5 Email (including email safety)	Unit 3.6 Branching Databases Weeks - 4	Unit 3.7 Simulations Weeks - 3

				Weeks - 6 Programs - 2Email, 2Connect, 2DIY	Programs - 2Question	Programs - 2Simulate, 2Publish
		Unit 3.3 Spreadsheets Weeks - 3 Programs - 2Calculate				Unit 3.8 Graphing and presenting Weeks - 3 Programs - 2Graph
Year 4	Unit 4.1 Coding Weeks - 6 Main Programs - 2Code	Unit 4.2 Online safety Weeks - 4 Programs - Various	Unit 4.3 Spreadsheets Weeks - 6 Programs - 2Calculate	Unit 4.4 Writing for different audiences Weeks - 5 Programs - 2Email, 2Connect, 2DIY	Unit 4.5 Logo Weeks - 4 Programs - Logo	Unit 4.7 Effective Search Weeks - 3 Programs - Browser
					Unit 4.6 Animation Weeks - 3 Programs - 2Animate	Unit 4.8 Hardware Investigators Weeks - 2
Year 5	Unit 5.1 Coding Weeks - 6 Main Programs - 2Code	Unit 5.2 Online safety Weeks - 3 Programs - Various	Unit 5.3 Spreadsheets Weeks - 6 Programs - 2Calculate	Unit 5.4 Databases Weeks - 4 Programs - 2Question, 2Investigate	Unit 5.6 3D Modelling Weeks - 4 Programs - 2Design and Make	Unit 5.8 Word processing (with Microsoft Word or Google Docs) Weeks - 6/7 Main program - MS Word
				Unit 5.5 Game Creator Weeks - 5 Programs - 2DIY 3D	Unit 5.7 Concept Maps Weeks - 3/4 Programs - 2Connect	
Year 6	Unit 6.1 Coding Weeks - 6 Main Programs - 2Code	Unit 6.2 Online safety Weeks - 2 Programs - Various	Unit 6.4 Blogging Weeks - 5 Programs - 2Blog	Unit 6.5 Text Adventures Weeks - 5 Programs - 2Code, 2Connect	Unit 6.6 Networks Weeks - 3	Unit 6.8 Binary Week 4 Programs - 2Code
		Unit 6.3 Spreadsheets Weeks - 5 Programs - 2Calculate			Unit 6.7 Quizzing Weeks - 6 Programs - 2Quiz, 2DIY, Text Toolkit, 2Investigate	Unit 6.9 Spreadsheets (with Microsoft Excel) Weeks - 8 Main program - MS Excel or Google Sheets