



Computing Curriculum Map

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Ongoing throughout the year: - Coding: follow simple oral algorithms (instructions) and sequence simple tasks - Digital media: using ipads to take photographs and videos - Data Handling: recording observations in Science and Maths - Animation: recognising and understanding that some films are animated - Exploring mechanical toys					
Reception	Use of digital devices- taking photographs on iPads, use of CD player, headphones, torches and walkie-talkies		Online Safety- use of books 'Chicken Clicking' and 'Troll Stinks' Using Google maps		Purple Mash familiarisation- Whole-class sessions in the Computer room to gain confidence using computers, keyboards and a mouse. Create digital art. Coding- use of Bee Bots.	
Year 1	Online Safety & Exploring Purple Mash	Grouping and Sorting 2DIY Pictograms 2Count	Lego Builders 2DIY Maze Explorers 2Go	Animated Story Books 2Create A Story	Coding 2Code	Spreadsheets 2Calculate Using Technology outside school
Year 2	Coding 2Code	Spreadsheets 2Calculate	Online Safety Effective Searching Various	Creating Pictures 2PaintAPicture	Making Music 2Sequence Presenting Ideas Various	Questioning 2Question and 2Investigate
Year 3	Touch Typing 2Type (only 4 lessons)	Coding 2Code	Email 2Email, 2Connect, 2DIY	Online Safety Graphing 2Graph	Spreadsheets 2Calculate Simulations 2Simulate, 2Publish	Branching Databases 2Question
Year 4	Coding 2Code	Online Safety Hardware Investigators	Writing for different audiences 2Email, 2Connect, 2DIY	Logo Logo Animation 2Animate	Effective Searching Browser Making Music	Finish Making Music Artificial Intelligence
Year 5	Coding 2Code	Spreadsheets 2Calculate	Online Safety Databases 2Question, 2Investigate	Game Creator 2DIY 3D	3D Modelling 2Design and Make	Concept Maps 2Connect
Year 6	Coding 2Code	Spreadsheets MS Excel	Blogging 2Blog Online Safety Various	Networks Understanding Binary	Text Adventures 2Connect, 2CreateAStory, 2Code	Quizzing 2Quiz, 2DIY, Text Toolkit, 2Investigate

