

Computing Long term overview 2024 - 2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Weekly	Online safety is taught weekly to Year 1-6 from the document- Online safety and relationship scheme					
Foundation (Links to development matters statements)	Link to 3 and 4 year olds- Understanding the world. Exploring how things work	Expressive Arts and Design • Introduction to the IWB drawing lines and exploring Explore, use and refine a variety of artistic effects to express their ideas and feelings.	Physical Development- drawing on the interactive whiteboard using the tools Develop their small motor skills so that they can use a range of tools competently, safely and confidently	Activities based on Personal social emotional development Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'.	Ipads- Expressive art and design (paint) Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function	Ipads- Personal social emotional development (games) Be confident to try new activities and show independence, resilience and perseverance in the face of challenge
Year 1	Using technology purposefully – ipad apps to take photos and selfies and paint app	Computing systems and networks- technology around us Computers, mouse, keyboard	Programming with purple mash Fun with fish and bubbles	Data and information- Grouping data	Using technology purposefully – digital painting Mouse control to manipulate the paint program using desktops	Programming beebots sequencing and instruction
Year 2	Introduction to Microsoft Word: The keyboard	Using technology purposefully – logging on and keyboards	Programming with purple mash Snail race & vehicles	Using technology purposefully Outcome: pictograms	Computing systems and networks- IT around us	Programming Outcome: scratch
Year 3	Microsoft Word Bold italics, underlining and shortcut buttons Formatting text and aligning	Computing systems and networks- Connecting computers	Microsoft Excel introduction- typing in cells Sorting data using filters	Branching Databases yes/ no questions	Programming with purple mash Guard the castle, princess and frog	Programming- logo
Year 4	Microsoft Word Cutting, copying and pasting Wordart	Computing systems and networks- The internet	Microsoft Powerpoint adding animations	Microsoft Excel& Data charts, graphs and pie charts Data logging	Programming with purple mash Gibbon level- traffic light and genie	Programming – Spheros and Ipads
Year 5	Microsoft Word Inserting a table	Microsoft Excel Aligning the cells Using formula to add	Programming – Flowol	Programming – Drones and ipads	Computing systems and networks sharing information Google kids searching and discussion of reliability	Microsoft Powerpoint adding videos and audio
Year 6	Microsoft Word headers and footers, changing the layout of the document	Microsoft Powerpoint slide transitions	Microsoft Excel using formula to multiply and divide	Computing systems and networks Communication and collaboration Google searching and refining information found	Programming- interactive fairgrounds with operational circuit boards which need coding then applying to the ride.	Programming- Variables

