



# Computing Curriculum 2023/24

Nursery						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	All about Me and Autumn	Traditional Tales	Vehicles, materials and people who help us	Growing and Changing	Under the Sea, holidays and pirates	Animals and Habitats
Provision	<ul style="list-style-type: none"> <li>Digital photo display of our family</li> </ul>	<ul style="list-style-type: none"> <li>Guess the sound game on music players</li> </ul>	<ul style="list-style-type: none"> <li>Numbers car race game</li> </ul>	<ul style="list-style-type: none"> <li>Microscope exploration</li> </ul>	<ul style="list-style-type: none"> <li>Mark making and pictures on ipads</li> </ul>	<ul style="list-style-type: none"> <li>Torch discovery boxes</li> </ul>
Continuous Provision	telephone in home corner, laptops in home corner, music player in reading area, Smartboards, toy oven, iron, washing machines in home corner, walkie talkies					
Internet Safety	<ul style="list-style-type: none"> <li>Talk about their feelings using words like 'happy' 'sad' 'angry' 'worried'</li> <li>Understand gradually how others may be feeling</li> <li>Become more outgoing with unfamiliar people in the safe context of their setting</li> <li>Develop their sense of responsibility and membership of a community</li> <li>Continue to develop positive attitudes about the differences between people</li> </ul>					
Problem Solving & Logical Thinking	<ul style="list-style-type: none"> <li>Understand a question or instruction that has two parts</li> <li>Begin to develop complex stories using small world equipment</li> <li>Spot and suggest rhymes</li> <li>Compare quantities using 'more than' 'fewer than'</li> <li>Solve real world mathematical problems with numbers up to 5</li> <li>Begin to describe a sequence of events using words such as 'first' 'then'</li> <li>Understand position through words alone</li> <li>Extend and create ABAB patterns</li> <li>Notice and correct an error in a repeating pattern</li> </ul>					
Digital Literacy	<ul style="list-style-type: none"> <li>Develop own ideas and decide how to express them</li> <li>Return to and build upon previous learning, refining ideas and developing their ability to present them</li> <li>Be able to express a point of view</li> <li>Write some letters accurately</li> <li>Understand that print can have different meanings</li> <li>Use one handed tools and equipment</li> <li>Explore how things work</li> </ul>					
Vocab	washing machine, microwave, iron, hob, telephone, iPad, control, touch, video, press, button, play, pause, stop, photo, take a photo					



# Computing Curriculum 2023/24

Reception						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	My World	Celebrations	The world around me	Growing and Changing	Under the Sea	Animals and Habitats
Enhanced Provision	<ul style="list-style-type: none"> <li>Beebots for directional language when moving around map of local area</li> </ul>	<ul style="list-style-type: none"> <li>Music player in provision pre loaded with Christmas carols</li> </ul>	<ul style="list-style-type: none"> <li>ipads in provision for children to take images of surroundings</li> </ul>	<ul style="list-style-type: none"> <li>Weighing scales problem solving</li> </ul>	<ul style="list-style-type: none"> <li>Cbeebies games on IWB</li> </ul>	<ul style="list-style-type: none"> <li>QR codes in provision for children to use ipads to view animals</li> </ul>
Continuous Provision	telephone in home corner, laptops in home corner, music player in reading area, Smartboards, toy oven, iron, washing machines in home corner, simple timers, light table, walkie talkies					
Internet Safety	<ul style="list-style-type: none"> <li>Show an understanding of their own feelings and those of others and begin to regulate their behaviour accordingly</li> <li>Control immediate impulses when appropriate</li> <li>Explain the reasons for rules, know right from wrong and try to behave accordingly</li> <li>Form positive attachments to adults and friendships with peers</li> <li>Show sensitivity to their own and others' needs</li> <li>Talk about the lives of the people around them and their roles in society</li> </ul>					
Problem Solving & Logical Thinking	<ul style="list-style-type: none"> <li>Connect one idea or action to another using a range of connectives</li> <li>Have a deep understanding of numbers to 10</li> <li>Explore and represent patterns within numbers up to 10</li> <li>Understand the 'one more than/one more less than' relationship between consecutive numbers.</li> <li>Continue, copy and create repeating patterns.</li> <li>Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</li> </ul>					
Digital Literacy	<ul style="list-style-type: none"> <li>Articulate their ideas and thoughts in well-formed sentences</li> <li>Read individual letters by saying the sounds for them</li> <li>Write short sentences with words with known letter-sound correspondences using a capital letter and full stop</li> <li>Develop small motor skills so they can use a range of tools competently</li> <li>Explore the natural world around them making observations</li> </ul>					
Vocab	mobile phone, camera, electronic toy, keyboard, keys, internet, Google, Google Maps, Beebot, forward, backward, left, right, turn, record, film					