



# Computing Curriculum 2024/25

Nursery						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	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
<b>Provision</b>	<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>
<b>Continuous Provision</b>	telephone in home corner, laptops in home corner, music player in reading area, Smartboards, toy oven, iron, washing machines in home corner, walkie talkies					
<b>Internet Safety</b>	<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>					
<b>Problem Solving &amp; Logical Thinking</b>	<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>					
<b>Digital Literacy</b>	<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>					
<b>Vocab</b>	washing machine, microwave, iron, hob, telephone, iPad, control, touch, video, press, button, play, pause, stop, photo, take a photo					



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Reception						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Topic</b>	<b>My World</b>	<b>Celebrations</b>	<b>The world around me</b>	<b>Growing and Changing</b>	<b>Under the Sea</b>	<b>Animals and Habitats</b>
<b>Enhanced Provision</b>	<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>
<b>Continuous Provision</b>	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					
<b>Internet Safety</b>	<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>					
<b>Problem Solving &amp; Logical Thinking</b>	<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>					
<b>Digital Literacy</b>	<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>					
<b>Vocab</b>	mobile phone, camera, electronic toy, keyboard, keys, internet, Google, Google Maps, Beebot, forward, backward, left, right, turn, record, film					