




# Computing Curriculum Long Term Overview

 Digital Literacy  
 Computer Science  
 Information Technology

	Autumn Term		Spring Term		Summer Term		Additional Units	
<b>Nursery</b>	Topic: Animals / Ourselves Toys / Light  <b>PSED:</b> Remember rules without needing an adult to remind them. <b>UTW:</b> Explore how things work. <b>PD:</b> Matching their developing skills to tasks and activities within their setting.		Topic: The Weather / Nursery Rhymes Sound / Food  <b>UTW:</b> Explore how things work. <b>PD:</b> Matching their developing skills to tasks and activities within their setting.		Topic: Growing / Keeping Safe Holidays / Minibeasts  <b>PSED:</b> Remember rules without needing an adult to remind them. <b>UTW:</b> Explore how things work. <b>PD:</b> Matching their developing skills to tasks and activities within their setting.			
<b>Reception</b>	Topic: Animals / Ourselves Toys / Light  <b>PSED:</b> Show resilience and perseverance in the face of a challenge.		Topic: The Weather / Nursery Rhymes Sound / Food  <b>UTW:</b> Explore, use and refine a variety of artistic effects to express their ideas and feelings. <b>PD:</b> Develop their small motor skills so that		Topic: Growing / Keeping Safe Holidays / Minibeasts  <b>PSED:</b> Show resilience and perseverance in the face of a challenge.			

	<p>Know and talk about the different factors that support their overall health and wellbeing:- sensible amounts of 'screen time'.</p> <p><b>UTW:</b> Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <p><b>PD:</b> Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</p>		<p>they can use a range of tools competently, safely and confidently.</p>		<p>Know and talk about the different factors that support their overall health and wellbeing:- sensible amounts of 'screen time'.</p> <p><b>UTW:</b> Explore, use and refine a variety of artistic effects to express their ideas and feelings.</p> <p><b>PD:</b> Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</p>			
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**Early Learning Goals:**

**Managing Self:**

- Be confident to try new activities and show independence, resilience and perseverance in the face of challenge.
- Explain the reasons for rules, know right from wrong and try to behave accordingly.

**Creating with materials:**

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.

<b>Year 1</b>	Using Google effectively 4	1.1 Online Safety & PM 4	1.2 Grouping & Sorting 2			1.3 Pictograms 3	1.4 Lego Builders 3	1.7 Coding 6				1.8 Spreadsheets 3	1.9 Technology outside of school 2	1.5 Maze Explorers 3			1.6 Animated Story books 5	
<b>Year 2</b>	2.2 Online Safety 4	Using Google effectively 4	2.3 Spreadsheets 4			2.1 Coding 6	2.6 Creating Pictures 5					2.5 Effective Searching 3	2.8 Presenting Ideas 4				2.7 Making Music 3	2.4 Questioning 5

<b>Year 3</b>	3.2 Online Safety 3	Using Google 4	3.1 Coding 6			3.3 Spreadsheets 3	3.4 Touch typing 4	3.5 Email 6							3.6 Databases 4	3.8 Graphing 3				3.7 Simulations 3	3.9 Presenting 5 to 6
<b>Year 4</b>	4.2 Online Safety 4	Using Google 4	4.1 Coding 6			4.3 Spreadsheets 6	4.4 Writing for different audiences 5								4.5 Logo 4	4.6 Animation 3	4.7 Effective Searching 3			4.9 Making Music 4	4.8 Hardware Investigators 2
<b>Year 5</b>	5.2 Online Safety 3	Using Google 4	5.1 Coding 6			5.3 Spreadsheets 6	5.5 Game Creator 5								5.4 Databases 4	5.6 3D Modelling 4	5.7 Concept Maps 4			5.8 Word Processing 8	
<b>Year 6</b>	6.2 Online Safety 2	Using Google 4	6.1 Coding 6			6.3 Spreadsheets 5	6.4 Blogging 4	6.8 Understanding Binary 4							6.5 Text Adventures 5	6.7 Quizzing 6				6.6 Networks 3	6.9 Spreadsheets 8