

**Computing Long Term Plan - Topics 2025/2026**

<b>Early Years Foundation Stage Goals</b>	<b>Three and Four Year Olds</b>	<b>Reception</b>	<b>Early Learning Goals</b>
	<b>Personal, Social and Emotional Development</b>	<b>Personal, Social and Emotional Development</b>	<b>Personal, Social and Emotional Development</b>
	Increasingly follow rules, understanding why they are important.	Show resilience and perseverance in the face of a challenge	Be confident to try new activities and show independence, resilience, and perseverance in the face of challenge.
	<b>Physical Development</b>	<b>Physical Development</b>	<b>Expressive Arts and Design</b>
	Match their developing skills to tasks and activities in the setting.	Develop their small motor skills so that they can use a range of tools competently, safely, and confidently. Know and talk about the difference factors that support their overall health and wellbeing. Understand sensible amounts of 'screen time' and how it relates to their wellbeing.	Explain the reasons for rules, know right from wrong, and try to behave accordingly.
	<b>Understanding the World</b>	<b>Expressive Arts and Design</b>	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
	Explore how things work.	Explore, use, and refine a variety of artistic effects to express their ideas and feelings.	

	Autumn 1								Autumn 2							Spring 1					Spring 2					Summer 1						Summer 2							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
<b>Year 1</b>	Online Safety and Using Purple Mash 4 weeks								Grouping and Sorting 3 weeks			Pictograms 3 weeks		Lego Builders 3 weeks		Maze Explorers 3 weeks		Animated Storybooks 5 weeks			Coding 6 weeks						Spreadsheets 3 weeks		Tech Outside School 2 weeks										
<b>Year 2</b>	Coding 6 weeks				Online Safety 3 weeks		Spreadsheets 5 weeks					Questioning 5 weeks				Searching 4 weeks			Creating Pictures 6 weeks			Making Music 4 weeks			Presenting Ideas 5 weeks														
<b>Year 3</b>	Online Safety - Twinkl 6 weeks					Coding 6 weeks				Spreadsheets 3 weeks		Touch Typing 4 weeks			Email 6 weeks			Simulations 3 weeks		Grouping 2 weeks	Microsoft PowerPoint																		
<b>Year 4</b>	Online Safety 7 weeks					Turtle Logo - Programming Repetition in Shapes					Scratch - Programming Games Clicker Game			Word Processing and Touch Typing			Creating Media and Photo Editing			Computing Systems, Networks, and The Internet																			
<b>Year 5</b>	Online Safety 7 weeks					Microsoft PowerPoint Presentations					Microsoft Excel Business modelling			Stop Motion Animation, Claymation and Computer Generated Pivot			Scratch - Programming Games Maze Runner (PacMan)			The Internet, Search Results and Computer Networks																			
<b>Year 6</b>	Online Safety - Twinkl 6 weeks					Scratch - Storytelling					Microsoft Excel Formula for Different Purposes			Computer Networks, Collaboration, Sharing Communication			Micro-Bits - Physical Coding Sensing Movement					Using and Applying																	
<b>Year 7</b>	E-Safety, Health and Safety, Accessing the Network, Introduction					Introduction to Microsoft Publisher. Understanding computer misure, data protection, and copyright law.					Introduction to Miscrosoft Excel, Logic Gates, Truth Tables, Logic Circuits, Binary Numbers			Introduction to Powerpoint. Understanding Significant Figures in Technology			Algorithms and Sorting. Linear and Binary Searching, Bubble Sorting, Insertion Sorting.					Living in a Digital World. Understanding modern communication, digital world on the more, entertainment, smark working, online shopping.																	

Digital Literacy	
Information Technology	
Computer Science	