



# London Colney Primary and Nursery School – Computing Curriculum Map

Theme Key:							
<span style="color: red;">■</span> Coding and Computational thinking	<span style="color: blue;">■</span> Spreadsheets	<span style="color: green;">■</span> Internet and Email	<span style="color: orange;">■</span> Art and Design	<span style="color: yellow;">■</span> Music	<span style="color: purple;">■</span> Databases and graphing	<span style="color: magenta;">■</span> Writing and Presenting	<span style="color: grey;">■</span> Communication and networks

Week	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
YEAR 1	Unit 1.1 Online Safety & Exploring Purple Mash				Unit 1.2 Grouping & Sorting		Unit 1.3 Pictograms		Unit 1.4 Lego Builders			Unit 1.5 Maze Explorers			Unit 1.6 Animated Story Books			Unit 1.7 Coding			Unit 1.8 Spreadsheets		Unit 1.9 Technology outside school								
	Weeks – 4				Weeks – 2		Weeks – 3		Weeks – 3			Weeks – 3			Weeks – 5			Weeks – 6			Weeks – 3		Weeks – 2								
	Programs – Various				Programs – 2DIY		Programs – 2Count		Programs – 2DIY			Programs – 2Go			Programs – 2Create A Story			Programs – 2Code			Programs – 2Calculate		Programs – Various								

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YEAR 2	Unit 2.1 Coding					Unit 2.2 Online Safety			Unit 2.3 Spreadsheets				Unit 2.4 Questioning				Unit 2.5 Effective Searching		Unit 2.6 Creating Pictures			Unit 2.7 Making Music		Unit 2.8 Presenting Ideas								
	Weeks – 5					Weeks – 3			Weeks – 4				Weeks – 5				Weeks – 3		Weeks – 5			Weeks – 3		Weeks – 4								
	Programs – 2Code					Programs – Various			Programs – 2Calculate				Programs – 2Question, 2Investigate				Programs – Browser		Programs – 2PaintAPicture			Programs – 2Sequence		Programs – Various								

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YEAR 3	Unit 3.1 Coding						Unit 3.2 Online safety			Unit 3.3 Spreadsheets			Unit 3.4 Touch Typing			Unit 3.5 Email (including email safety)				Unit 3.6 Branching Databases		Unit 3.7 Simulations		Unit 3.8 Graphing								
	Number of Weeks – 6						Weeks – 3			Weeks – 3			Weeks – 4			Weeks – 6				Weeks – 4		Weeks – 3		Weeks – 3								
	Main Programs – 2Code						Programs – Various			Programs – 2Calculate			Programs – 2Type			Programs – 2Email, 2Connect, 2DIY				Programs – 2Question		Programs – 2Simulate, 2Publish		Programs – 2Graph								



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YEAR 4	Unit 4.1 Coding						Unit 4.2 Online safety			Unit 4.3 Spreadsheets						Unit 4.4 Writing for different audiences			Unit 4.5 Logo		Unit 4.6 Animation		Unit 4.7 Effective Search		Unit 4.8 Hardware Investigators								
	Number of Weeks – 6						Weeks – 4			Weeks – 6						Weeks – 5			Weeks – 4		Weeks – 3		Weeks – 3		Weeks – 2								
	Main Programs – 2Code						Programs – Various			Programs – 2Calculate						Programs – 2Email, 2Connect, 2DIY			Programs – Logo		Programs – 2Animate		Programs – Browser										

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YEAR 5	Unit 5.1 Coding						Unit 5.2 Online safety			Unit 5.3 Spreadsheets						Unit 5.4 Databases			Unit 5.5 Game Creator			Unit 5.6 3D Modelling			Unit 5.7 Concept Maps							
	Number of Weeks – 6						Weeks – 3			Weeks – 6						Weeks – 4			Weeks – 5			Weeks – 4			Weeks – 4							
	Main Programs – 2Code						Programs - Various			Programs – 2Calculate						Programs – 2Question, 2Investigate			Programs – 2DIY 3D			Programs – 2Design and Make			Programs – 2Connect							

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YEAR 6*	Unit 6.1 Coding						Unit 6.2 Online safety			Unit 6.3 Spreadsheets						Unit 6.4 Blogging			Unit 6.5 Text Adventures			Unit 6.6 Networks			Unit 6.7 Quizzing							
	Number of Weeks – 6						Weeks – 2			Weeks – 5						Weeks – 5			Weeks – 5			Weeks – 3			Weeks – 6							
	Main Programs – 2Code						Programs - Various			Programs – 2Calculate						Programs – 2Blog			Programs – 2Code, 2Connect						Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate							