

Durham Lane Primary School

Computing Long Term Planning











PRIMARY SCHOOL

"Where children and families come first"

Year 1 Scheme of Work



Theme Key







Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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 Weeks – 4 Programs – Various				Unit 1.2 Grouping & Sorting Weeks – 2 Programs – 2DIY		Unit 1.3 Pictograms Weeks – 3 Programs – 2Count			Unit 1.4 Lego Builders Weeks – 3 Programs – 2DIY			Unit 1.5 Maze Explorers Weeks – 3 Programs – 2Go			Unit 1.6 Animated Story Books Weeks – 5 Programs – 2Create A Story			Unit 1.7 Coding Weeks – 6 Programs – 2Code				Unit 1.8 Spreadsheets Weeks – 3 Programs – 2Calculate			Unit 1.9 Technology outside school Weeks – 2 Programs – Various					

Year 2 Scheme of Work



Theme Key









Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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	32
YEAR 2	Unit 2.1 Coding Weeks – 5 Programs – 2Code					Unit 2.2 Online Safety Weeks – 3 Programs – Various			Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate				Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate					Unit 2.5 Effective Searching Weeks – 3 Programs – Browser			Unit 2.6 Creating Pictures Weeks – 5 Programs – 2PaintAPicture			Unit 2.7 Making Music Weeks – 3 Programs – 2Sequence		Unit 2.8 Presenting Ideas Weeks – 4 Programs – Various						

Year 3 Scheme of Work











Theme Key

Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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	32
YEAR 3	Unit 3.1 Coding Weeks – 6 Programs – 2Code						Unit 3.2 Online Safety Weeks – 3 Programs – Various			Unit 3.3 Spreadsheets Weeks – 3 Programs – 2Calculate			Unit 3.4 Touch Typing Weeks – 4 Programs 2Type				Unit 3.5 Email (including email safety) Weeks – 6 Programs – 2Email, 2Connect, 2DIY						Unit 3.6 Branching Databases Weeks – 4 Programs – 2Question			Unit 3.7 Simulations Weeks – 3 Programs – 2Simulate, 2Publish			Unit 3.8 Graphing Weeks – 3 Programs – 2Graph			
	Unit 3.9 Presenting (with Microsoft PowerPoint or Google Slides) (Optional Unit) Number of Lessons – 5 or 6 (version dependent) Main Program – MS PowerPoint or Google Slides																															

Year 4 Scheme of Work

Theme Key









Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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	32	33
YEAR 4	Unit 4.1 Coding Weeks – 6 Programs – 2Code						Unit 4.2 Online Safety Weeks – 4 Programs – Various				Unit 4.3 Spreadsheets Weeks – 6 Programs – 2Calculate						Unit 4.4 Writing for different audiences Weeks – 5 Programs – 2Email, 2Connect, 2DIY					Unit 4.5 Logo Weeks – 4 Programs – Logo				Unit 4.6 Animation Weeks – 3 Programs – 2Animate			Unit 4.7 Effective Search Weeks – 3 Programs – Browser		Unit 4.8 Hardware Investigators Weeks – 2		
	Unit 4.9 Making Music (Optional Unit) Number of Lessons – 4 Main program – Busy Beats																																

Year 5 Scheme of Work











Theme Key

Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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	32
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				
<p align="center">Unit 5.8 Word Processing (With Microsoft Word or Google Docs) (Optional Unit) Number of lessons – 8 Main Program – Word or Google Docs</p>																																

Year 6 Scheme of Work

Theme Key

Coding and computational thinking 	Spreadsheets 	Internet and email 	Art and Design 	Music 	Databases and graphing 	Writing and presenting 	Communication and networks 
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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	32
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												

**Unit 6.8
Understanding Binary**

(Optional Unit)
Number of Lessons – 4

Main Program – 2Code

**Unit 6.9
Spreadsheets (with
Microsoft Excel or
Google Sheets)**

(Optional Unit)
Number of Lessons – 8

Main program – MS
Excel or Google Sheets