









Computing Overview

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											

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											

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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 Main Programs – 2Code						Weeks – 3 Programs – Various			Weeks – 3 Programs – 2Calculate			Weeks – 4 Programs – 2Type			Weeks – 6 Programs – 2Email, 2Connect, 2DIY				Weeks – 4 Programs – 2Question		Weeks – 3 Programs – 2Simulate, 2Publish		Weeks – 3 Programs – 2Graph									
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						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 Main Programs – 2Code						Weeks – 4 Programs – Various			Weeks – 6 Programs – 2Calculate				Weeks – 5 Programs – 2Email, 2Connect, 2DIY			Weeks – 4 Programs – Logo		Weeks – 3 Programs – 2Animate		Weeks – 3 Programs – Browser		Weeks – 2										

**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**

**Unit 4.9
Making Music**

(Optional Unit)
Number of Lessons – 4

**Main Program – Busy
Beats**

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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							

Unit 5.8
Word processing (with Microsoft Word or Google Docs)

 (Optional Unit)
Number of Lessons – 8

Main program – MS Word or Google Docs

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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								

**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