








## 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
<b>YEAR 1</b>	<b>Unit 1.1</b> Online Safety & Exploring Purple Mash  Weeks – 4  Programs – Various				<b>Unit 1.2</b> Grouping & Sorting  Weeks – 2  Programs – 2DIY		<b>Unit 1.3</b> Pictograms  Weeks – 3  Programs – 2Count		<b>Unit 1.4</b> Lego Builders  Weeks – 3  Programs – 2DIY		<b>Unit 1.5</b> Maze Explorers  Weeks – 3  Programs – 2Go		<b>Unit 1.6</b> Animated Story Books  Weeks – 5  Programs – 2Create A Story			<b>Unit 1.7</b> Coding  Weeks – 6  Programs – 2Code			<b>Unit 1.8</b> Spreadsheets  Weeks – 3  Programs – 2Calculate		<b>Unit 1.9</b> 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
<b>YEAR 2</b>	<b>Unit 2.1</b> Coding  Weeks – 5  Programs – 2Code					<b>Unit 2.2</b> Online Safety  Weeks – 3  Programs – Various			<b>Unit 2.3</b> Spreadsheets  Weeks – 4  Programs – 2Calculate				<b>Unit 2.4</b> Questioning  Weeks – 5  Programs – 2Question, 2Investigate				<b>Unit 2.5</b> Effective Searching  Weeks – 3  Programs – Browser		<b>Unit 2.6</b> Creating Pictures  Weeks – 5  Programs – 2PaintAPicture			<b>Unit 2.7</b> Making Music  Weeks – 3  Programs – 2Sequence		<b>Unit 2.8</b> Presenting Ideas  Weeks – 4  Programs – Various								

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<b>YEAR 3</b>	<b>Unit 3.1 Coding</b>						<b>Unit 3.2 Online safety</b>			<b>Unit 3.3 Spreadsheets</b>			<b>Unit 3.4 Touch Typing</b>				<b>Unit 3.5 Email (including email safety)</b>				<b>Unit 3.6 Branching Databases</b>		<b>Unit 3.7 Simulations</b>		<b>Unit 3.8 Graphing</b>								
	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
<b>YEAR 4</b>	<b>Unit 4.1 Coding</b>						<b>Unit 4.2 Online safety</b>			<b>Unit 4.3 Spreadsheets</b>				<b>Unit 4.4 Writing for different audiences</b>				<b>Unit 4.5 Logo</b>		<b>Unit 4.6 Animation</b>		<b>Unit 4.7 Effective Search</b>		<b>Unit 4.8 Hardware Investigators</b>									
	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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<b>YEAR 5</b>	<b>Unit 5.1 Coding</b>						<b>Unit 5.2 Online safety</b>			<b>Unit 5.3 Spreadsheets</b>						<b>Unit 5.4 Databases</b>			<b>Unit 5.5 Game Creator</b>			<b>Unit 5.6 3D Modelling</b>			<b>Unit 5.7 Concept Maps</b>							
	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*	<b>Unit 6.1 Coding</b>						<b>Unit 6.2 Online safety</b>			<b>Unit 6.3 Spreadsheets</b>					<b>Unit 6.4 Blogging</b>				<b>Unit 6.5 Text Adventures</b>			<b>Unit 6.6 Networks</b>		<b>Unit 6.7 Quizzing</b>								
	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