

## George Fentham Subject Leader Curriculum Map

### Computing

<u>Predominant Area of Computing (Most units will include elements of every strand)</u>						
Computer Science		Information Technology			Digital Literacy	
Computing	Autumn		Spring		Summer	
	1	2	1	2	1	2
<b>Nursery/ Reception</b>	<b>Communication and Language</b> - Listening, Attention & Understanding/ Speaking.	<b>Expressive Arts</b> - Being Imaginative & Expressive/ Creating with materials.	<b>Literacy</b> - Word Reading, Writing & Comprehension.	<b>Mathematics</b> - Number & Numerical Patterns.	<b>Physical Development</b> - Fine Motor Skills/ Gross Motor Skills.	<b>PSED</b> - Building Relationships, Managing Self, Self Regulation. <b>Understanding the World</b> - People, Culture & Communities/ Past & Present/ The Natural World
<b>Year 1</b>	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons - 4 Programs - Various	Unit 1.3 Pictograms Number of lessons - 3 Programs - 2Count	Unit 1.4 Lego Builders Number of lessons - 3 Programs - 2DIY	Unit 1.6 Animated Story Books Number of lessons - 5 Programs - 2Create A Story	Unit 1.7 Coding Number of lessons - 6 Programs - 2Code	Unit 1.8 Spreadsheets Number of lessons - 3 Programs - 2Calculate Unit
	Unit 1.2 Grouping & Sorting Number of lessons - 2 Programs - 2DIY		Unit 1.5 Maze Explorers Number of lessons - 3 Programs - 2Go			1.9 Technology outside school Number of lessons - 2 Programs - Various

George Fentham Subject Leader Curriculum Map

Computing

Year 2	Unit 2.1 Coding Number of lessons - 5 Programs - 2Code	Unit 2.3 Spreadsheets Number of lessons - 4 Programs - 2Calculate	Unit 2.4 Questioning Number of lessons - 5 Programs - 2Question, 2Investigate	Unit 2.6 Creating Pictures Number of lessons - 5 Programs - 2PaintAPicture	Unit 2.7 Making Music Number of lessons - 3 Programs - 2Sequence	Unit 2.8 Presenting Ideas Number of lessons - 4 Programs - 2Quiz, 2Calculate
	Unit 2.2 Online Safety Number of lessons - 3 Programs - Various	Unit 2.5 Effective Searching Number of lessons - 3 Programs - Browser				
Year 3	Unit 3.1 Coding Number of lessons - 6 Main Programs - 2Code	Unit 3.2 Online safety Number of lessons - 3 Programs - Various	Unit 3.4 Touch Typing Number of lessons - 4 Programs - 2Type	Unit 3.5 Email (including email safety) Number of lessons - 6 Programs - 2Email, 2Connect, 2DIY	Unit 3.6 Branching Databases Number of lessons - 4 Programs - 2Question	Unit 3.7 Simulations Number of lessons - 3 Programs - 2Simulate, 2Publish
		Unit 3.3 Spreadsheets Number of lessons - 3* Programs - 2Calculate				Unit 3.8 Graphing Number of lessons - 3 Programs - 2Graph

George Fentham Subject Leader Curriculum Map

Computing

Year 4	Unit 4.7 Effective Search Number of lessons - 3 Programs - Browser	Unit 4.5 Logo Number of lessons - 4 Programs - Logo	Unit 4.2 Online safety Number of lessons - 4 Programs - Various	Unit 4.1 Coding Number of lessons - 6 Main Programs - 2Code	Unit 4.4 Writing for different audiences Number of lessons - 5 Programs - 2Email, 2Connect, 2DIY	Unit 4.3 Spreadsheets Number of lessons - 6 Programs - 2Calculate
	Unit 4.8 Hardware Investigators  Number of lessons - 2	Unit 4.6 Animation Number of lessons - 3 Programs - 2Animate				
Year 5	Unit 5.7 Concept Maps  Number of lessons - 4 Programs - 2Connect	Unit 5.1 Coding Number of lessons - 6 Main Programs - 2Code	Unit 5.2 Online safety Number of lessons - 3 Programs - Various	Unit 5.4 Databases Number of lessons - 4 Programs - 2Question, 2Investigate	Unit 5.5 Game Creator Number of lessons - 5 Programs - 2DIY 3D	Unit 5.3 Spreadsheets Number of lessons - 6 Programs - 2Calculate
			Unit 5.6 3D Modelling Number of lessons - 4 Programs - 2Design and Make			

George Fentham Subject Leader Curriculum Map

Computing

Year 6	Unit 6.1 Coding Number of lessons - 6 Main Programs - 2Code	Unit 6.2 Online safety Number of lessons - 2/3 Programs - Various	Unit 6.5 Text Adventures Number of lessons - 5 Programs - 2Code, 2Connect	Unit 6.6 Networks Number of lessons - 3	Unit 6.7 Quizzing Number of lessons - 6	Unit 6.4 Blogging Number of lessons - 4 Programs - 2Blog
		Unit 6.3 Spreadsheets Number of lessons - 5 Programs - 2Calculate		Unit 6.8 Understanding Binary Number of Lessons - 4 Main Program - 2Code	Programs - 2Quiz, 2DIY, Text Toolkit, 2Investigate	