



**Long Term Plan**  
**Computing**



Cycle A		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Seals</b>	<b>EYFS</b>	Online Safety. Use of tablets. What do we use ICT for? Roleplay with phones, pretend computers.					
	<b>KS1</b>	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – Various	Unit 1.9 Technology Outside of School Number of lessons – 2 Programs – Various		Unit 1.8 Spreadsheets Number of lessons – 3 Programs – 2Calculate		
		Unit 2.5 Effective Searching Number of lessons – 3 Programs – Browser	Unit 1.2 Grouping and Sorting Number of lessons – 2 Programs – 2DIY		Unit 1.7 Coding Number of lessons – 6 Programs – 2Code		
		Unit 1.4 Lego Builders Number of lessons – 3 Programs – 2DIY	Unit 2.6 Creating Pictures Number of lessons - 5 Programs – 2PaintAPicture		Unit 2.1 Number of lessons – 5 Programs – 2Code		
<b>Dolphins</b>	<b>LKS2</b>	Unit 3.1 Coding Number of lessons – 6 Programs – 2Code	Unit 3.4 Touch Typing Number of lessons – 4 Programs – 2Type		Unit 3.6 Branching Databases Number of lessons – 4 Programs – 2Question		
		Unit 3.2 Online safety Number of lessons – 3 Programs – Various	Unit 3.5 Email Number of lessons – 6 Programs – 2Email, 2Connect, 2DIY		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 – 2 Programs – 2Graph		
	<b>UKS2</b>	Unit 5.1 Coding Number of lessons – 6 Main Programs – 2Code	Unit 5.4 Databases Number of lessons – 4 Programs – 2Question, 2Investigate		Unit 5.5 Game Creator Number of lessons – 5 Programs – 2DIY 3D		
		Unit 5.2 Online Safety Number of lessons – 3 Programs - Various	Unit 5.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate		Unit 5.6 3D Modelling Number of lessons – 4 Programs – 2Design and Make		
		Unit 5.7 Concept Maps Number of lessons – 4 Programs – 2Connect					



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Cycle B		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Seals</b>	<b>EYFS</b>	Online Safety. Use of tablets. What do we use ICT for? Roleplay with phones, pretend computers.					
	<b>KS1</b>	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – various	Unit 2.2 Online safety Number of lessons – 3 Programs – various		Unit 2.3 Spreadsheets Number of lessons – 4 Programs – 2Calculate		
		Unit 1.5 Maze Explorers Number of lessons – 5 Programs – 2Go	Unit 1.6 Animated story books Number of lessons – 5 Programs – 2Create a story		Unit 1.3 Pictograms Number of lessons – 3 Programs – 2Count		
		Unit 2.4 Questioning Number of lessons - 5 Programs – 2Question, 2Investigate	Unit 2.7 Making music Number of lessons – 3 Programs – 2Sequence		Unit 2.8 Presenting Ideas Number of lessons – 4 Programs - various		
<b>Dolphins</b>	<b>LKS2</b>	Unit 4.1 Coding Number of lessons – 6 Programs – 2Code	Unit 4.3 Spreadsheets Number of lessons 6 Programs – 2Calculate		Unit 4.6 Animation Number of lessons – 3 Programs – 2Animate		
		Unit 4.2 Online Safety Number of lessons - 4 Programs - various	Unit 4.4 Writing for different audiences Number of lessons 5 Programs – 2Email, 2Connect, 2DIY		Unit 4.5 Logo Number of lessons – 3 Programs – Logo		
					Unit Hardware Investigators Number of lessons – 2		
	<b>UKS2</b>	Unit 6.1 Coding Number of lessons – 6 Programs – 2Code	Unit 6.4 Blogging Number of lessons – 4 Programs – 2Blog		Unit 6.6 Networks Number of lessons – 3		
		Unit 6.2 Online Safety Number of lessons – 2 Programs – various	Unit 6.5 Text Adventures Number of lessons – 5 Programs – 2Code, 2Connect		Unit 6.7 Quizzing Number of lessons – 6 Programs – 2Quiz, 2DIY, Text Toolkit,		
		Unit 6.3 Spreadsheets			2Investigate		

		Number of lessons – 5 Programs – 2Calculate		
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