



Purple Mash Computing Long Term Overview

Year A



Term	Seal Class Y1/2	Puffin Class Y3/4	Dolphin Class 5/6
Autumn	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – Various	Coding Number of lessons – 6 Main Programs – 2Code See table for breakdown.	Coding Number of lessons – 6 Main Programs – 2Code See table for breakdown
	Unit 2.5 Effective Searching Number of lessons – 3 Programs – Browser	Unit 3.2 Online safety Number of lessons – 3 Programs – Various	Unit 5.2 Online safety Number of lessons – 3 Programs - Various
	Unit 1.4 Lego Builders Number of lessons – 3 Programs – 2DIY	Unit 3.3 Spreadsheets Number of lessons – 3 Programs – 2Calculate	
Spring	Unit 1.9 Technology outside school Number of lessons – 2 Programs – Various	Unit 3.4 Touch Typing Number of lessons – 4 Programs – 2Type	Unit 5.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate
	Unit 1.2 Grouping & Sorting Number of lessons – 2 Programs – 2DIY	Unit 3.5 Email (including email safety) Number of lessons – 6 Programs – 2Email, 2Connect, 2DIY	Unit 5.4 Databases Number of lessons – 4 Programs – 2Question, 2Investigate
	Unit 2.6 Creating Pictures Number of lessons – 5 Programs – 2PaintAPicture		
Summer	Unit 1.8 Spreadsheets Number of lessons – 3 Programs – 2Calculate	Unit 3.6 Branching Databases Number of lessons – 4 Programs – 2Question	Unit 5.5 Game Creator Number of lessons – 5 Programs – 2DIY 3D
	Unit 1.7 Coding Number of lessons – 6 Programs – 2Code	Unit 3.7 Simulations Number of lessons – 3 Programs – 2Simulate, 2Publish	Unit 5.6 3D Modelling Number of lessons – 4 Programs – 2Design and Make
	Unit 2.1 Coding Number of lessons – 5 Programs – 2Code	Unit 3.8 Graphing Number of lessons – 2 Programs – 2Graph	Unit 5.7 Concept Maps Number of lessons – 4 Programs – 2Connect

Predominant Area of Computing*		
■ Computer Science	■ Information Technology	■ Digital Literacy

*Most units will include aspects of all strands.



Purple Mash Computing Long Term Overview

Year B



Term	Seal Class Y1/2	Puffin Class Y3/4	Dolphin Class 5/6
Autumn	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – Various	Coding Number of lessons – 6 Main Programs – 2Code See table for breakdown.	Coding Number of lessons – 6 Main Programs – 2Code See table for breakdown.
	Unit 1.5 Maze Explorers Number of lessons – 3 Programs – 2Go	Unit 4.2 Online safety Number of lessons – 4 Programs – Various	Unit 6.2 Online safety Number of lessons – 2 Programs - Various
	Unit 2.4 Questioning Number of lessons – 5 Programs – 2Question, 2Investigate		Unit 6.3 Spreadsheets Number of lessons – 5 Programs – 2Calculate
Spring	Unit 2.2 Online Safety Number of lessons – 3 Programs – Various	Unit 4.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate	Unit 6.4 Blogging Number of lessons – 4 Programs – 2Blog
	Unit 1.6 Animated Story Books Number of lessons – 5 Programs – 2Create A Story	Unit 4.4 Writing for different audiences Number of lessons – 5 Programs – 2Email, 2Connect, 2DIY	Unit 6.5 Text Adventures Number of lessons – 5 Programs – 2Code, 2Connect
	Unit 2.7 Making Music Number of lessons – 3 Programs – 2Sequence		
Summer	Unit 2.3 Spreadsheets Number of lessons – 4 Programs – 2Calculate	Unit 4.5 Logo Number of lessons – 4 Programs – Logo	Unit 6.6 Networks Number of lessons – 3
	Unit 1.3 Pictograms Number of lessons – 3 Programs – 2Count	Unit 4.6 Animation Number of lessons – 3 Programs – 2Animate	Unit 6.7 Quizzing Number of lessons – 6 Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate
	Unit 2.8 Presenting Ideas Number of lessons – 4 Programs – Various	Unit 4.7 Effective Search Number of lessons – 3 Programs – Browser	
		Unit 4.8 Hardware Investigators Number of lessons – 2	

Predominant Area of Computing*

	Computer Science		Information Technology		Digital Literacy
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*Most units will include aspects of all strands.