

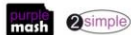
Purple Mash Computing Curriculum

Units by Year Group – Single Age Classes

Theme Key:															
	Coding and Computational thinking		Spreadsheets		Internet and Email		Art and Design		Music		Databases and graphing		Writing and Presenting		Communication and networks

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



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

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							



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Tools by Unit

Year	Unit	Title	Tools used
Y1	1.1	Online Safety and Exploring Purple Mash	Avatar creator
			Paint Projects
			Writing Templates
			2Count (Pictograms)
			2Explore (Music)
	1.2	Grouping & Sorting	2Quiz
	1.3	Pictograms	2Connect (Mind Map)
			2Count (Pictograms)
	1.4	Lego Builders	Paint Projects
			Writing Templates
			2Quiz
	1.5	Maze Explorers	2Go (coding)
	1.6	Animated Stories	2Create a Story
	1.7	Coding	2Code
	1.8	Spreadsheets	2Calculate
	1.9	Technology Outside School	Writing Templates

Year	Unit	Title	Tools used
Y2	2.1	Coding	2Code
	2.2	Online Safety	Writing Templates
			Displayboards
			2Respond (2Email)
	2.3	Spreadsheets	2Calculate
	2.4	Questioning	2Question (Binary Databases)
			2Calculate (spreadsheet)
			2Investigate (database)
	2.5	Effective Searching	2Quiz
			Writing Templates
	2.6	Creating Pictures	2Paint a Picture
			Writing Templates
	2.7	Making Music	2Sequence (Music)
	2.8	Presenting Ideas	2Connect (Mind Map)
			2Create a Story (ebook)
			2Quiz
			Writing Templates

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Year	Unit	Title	Tools used
Y3	3.1	Coding	2Code
	3.2	Online Safety	2Connect (Mind Map)
			2Blog (Blogging)
			Writing Templates
			Displayboards
	3.3	Spreadsheets	2Calculate
	3.4	Typing	2Type
	3.5	Email	2Email
	3.6	Branching Databases	2Question (Binary Databases)
	3.7	Simulations	2Simulate
			Writing Templates
	3.8	Graphing	2Graph
			Writing Templates
			2Blog (Blogging)

Year	Unit	Title	Tools used
Y4	4.1	Coding	2Code
	4.2	Online Safety	2Connect (Mind Map)
			2Publish Plus
			Displayboards
	4.3	Spreadsheets	2Calculate
	4.4	Writing for Different Audiences	Writing Templates
			2Simulate
			2Connect (Mind Map)
			2Publish Plus
	4.5	Logo	2Logo (text-based coding)
	4.6	Animation	2Animate
	4.7	Effective Searching	2Quiz
			2Connect (Mind Map)
	4.8	Hardware Investigators	2Quiz
			2Connect (Mind Map)
			Writing Templates

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Year	Unit	Title	Tools used
Y5	5.1	Coding	2Code
	5.2	Online Safety	2Publish Plus
			Writing Templates
			Displayboards
			2Connect (Mind Map)
	5.3	Spreadsheets	2Calculate
	5.4	Databases	2Investigate (database)
			Avatar creator
	5.5	Game Creator	2DIY 3D
			Writing Templates
			2Blog (Blogging)
	5.6	3D Modelling	2Design and Make
			Writing Templates
	5.7	Concept Maps	2Connect (Mind Map)

Year	Unit	Title	Tools used
Y6	6.1	Coding	2Code
	6.2	Online Safety	2DIY 3D
			2DIY
			2Code
			2Blog (Blogging)
	6.3	Spreadsheets	2Calculate
	6.4	Blogging	2Blog (Blogging)
	6.5	Text Adventures	2Code
			2Connect (Mind Map)
			Writing Templates
	6.6	Networks	2Connect (Mind Map)
			Writing Templates
	6.7	Quizzing	2DIY
			2Quiz
			Text Toolkit
			2Investigate (database)
	6.8 (optional)	Understanding Binary	2Connect (Mind Map)
			2Question (Binary Databases)
			Writing Templates
			2Code