

St Mary's Primary School and Nursery

'Be the best you can be'

Computing Scheme of Learning

This document contains an overview of the units included in the Purple Mash Computing Scheme of Work for all year groups. Please refer to separate documentation on how the Early Years Curriculum is supported by Purple Mash at St Mary's.

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								

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						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						Various			Programs – 2Calculate				Programs – 2Question, 2Investigate		Programs – 2DIY 3D			Programs – 2Design and Make		Programs – 2Connect													
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 6*	Unit 6.1 Coding						Unit 6.2 Online safety			Unit 6.3 Spreadsheets				Unit 6.4 Blogging			Unit 6.5 Text Adventures			Unit 6.6 Networks		Unit 6.7 Quizzing											
	Number of Weeks – 6						Weeks – 2			Weeks – 5				Weeks – 5			Weeks – 5			Weeks – 3		Weeks – 6											
Main Programs – 2Code						Various			Programs – 2Calculate				Programs – 2Blog			Programs – 2Code, 2Connect					Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate												