









## Units by Year Group – Mixed 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

In year 1 and 2 coding the lessons need to be taught in sequence as each lesson introduces skills that are consolidated and developed in the next lesson. Therefore, it is proposed to teach coding for 11 weeks in Cycle A and none in Cycle B. It is also beneficial for all children to recap unit 1.1 in both cycles as this introduces children new to the class with key skills needed to make the most of Purple Mash.

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 1 & 2 – CYCLE A	Unit 1.1 Online Safety & Exploring Purple Mash				Unit 2.5 Effective Searching Weeks – 3			Unit 1.4 Lego Builders			Unit 1.9 Technology outside school		Unit 1.2 Grouping & Sorting		Unit 2.6 Creating Pictures Weeks – 5				Unit 1.8 Spreadsheets		Unit 1.7 Coding						Unit 2.1 Coding						
	Weeks – 4				Programs – Browser			Weeks – 3			Weeks – 2		Weeks – 2		Programs – 2PaintAPicture				Weeks – 3		Weeks – 6						Weeks – 5						
	Programs – Various							Programs – 2DIY			Programs – Various		Programs – 2DIY						Programs – 2Calculate		Programs – 2Code						Programs – 2Code						

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 1 & 2 – CYCLE B	Unit 1.1 Online Safety & Exploring Purple Mash				Unit 1.5 Maze Explorers			Unit 2.4 Questioning				Unit 2.2 Online Safety		Unit 1.6 Animated Story Books				Unit 2.7 Making Music		Unit 2.3 Spreadsheets			Unit 1.3 Pictograms			Unit 2.8 Presenting Ideas							
	Weeks – 4				Weeks – 3			Weeks – 5				Weeks – 2		Weeks – 5				Weeks – 3		Weeks – 4			Weeks – 3			Weeks – 4							
	Programs – Various				Programs – 2Go			Programs – 2Question, 2Investigate				Programs – Various		Programs – 2Create A Story				Programs – 2Sequence		Programs – 2Calculate			Programs – 2Count			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
YEAR 3 & 4 CYCLE A	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																														
	Main Programs – 2Code						Weeks – 2	Weeks – 3			Weeks – 4			Weeks – 6				Weeks – 4			Weeks – 3			Weeks – 3							
	See table below for breakdown						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
YEAR 3 & 4 CYCLE B	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																														
	Main Programs – 2Code						Weeks – 2	Weeks – 6						Weeks – 5				Weeks – 4			Weeks – 3			Weeks – 3			Weeks – 2				
	See table below for breakdown						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
YEAR 5 & 6 CYCLE A	Unit 5.1 Coding						Unit 5.2 Online safety		Unit 3.3 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 – 2		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					
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 5 & 6 CYCLE B	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						Programs - Various		Programs – 2Calculate						Programs – 2Blog				Programs – 2Code, 2Connect							Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate					