

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

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 & 4 CYCLE A	Coding Number of Weeks – 6 Main Programs – 2Code See table below for breakdown						Unit 3.2 Online safety Weeks – 3 Programs – Various			Unit 3.3 Spreadsheets Weeks – 3 Programs – 2Calculate			Unit 3.4 Touch Typing Weeks – 4 Programs – 2Type				Unit 3.5 Email (including email safety) Weeks – 6 Programs – 2Email, 2Connect, 2DIY				Unit 3.6 Branching Databases Weeks – 4 Programs – 2Question			Unit 3.7 Simulations Weeks – 3 Programs – 2Simulate, 2Publish			Unit 3.8 Graphing Weeks – 3 Programs – 2Graph					
YEAR 3 & 4 CYCLE B	Coding Number of Weeks – 6 Main Programs – 2Code See table below for breakdown						Unit 4.2 Online safety Weeks – 4 Programs – Various			Unit 4.3 Spreadsheets Weeks – 6 Programs – 2Calculate				Unit 4.4 Writing for different audiences Weeks – 5 Programs – 2Email, 2Connect, 2DIY				Unit 4.5 Logo Weeks – 4 Programs – Logo		Unit 4.6 Animation Weeks – 3 Programs – 2Animate		Unit 4.7 Effective Search Weeks – 3 Programs – Browser		Unit 4.8 Hardware Investigators Weeks – 2								

* There is an optional unit 4.9 – Making Music that can be used in addition to the above units. It is a four week unit.

Coding Breakdown

YEAR 3 & 4 CYCLE A	Review previous coding – Year 3, Lesson 3.	Simulating a physical system – Year 3, Lesson 2	Making a timer – Year 4, Lesson 4	Debugging – Year 3, Lesson 6	Making a control simulation – Year 4, Lesson 5	Decomposition and Abstraction – Year 4, Lesson 6
YEAR 3 & 4 CYCLE B	Review previous coding, Y4, lesson 1	Introducing 'if' statements – Year 3, Lesson 3	'if/else' statements – Year 4, Lesson 2	Repetition – Year 3, Lesson 5	Repeat until - Year 4, Lesson 3	Variables – Year 3, Lesson 4