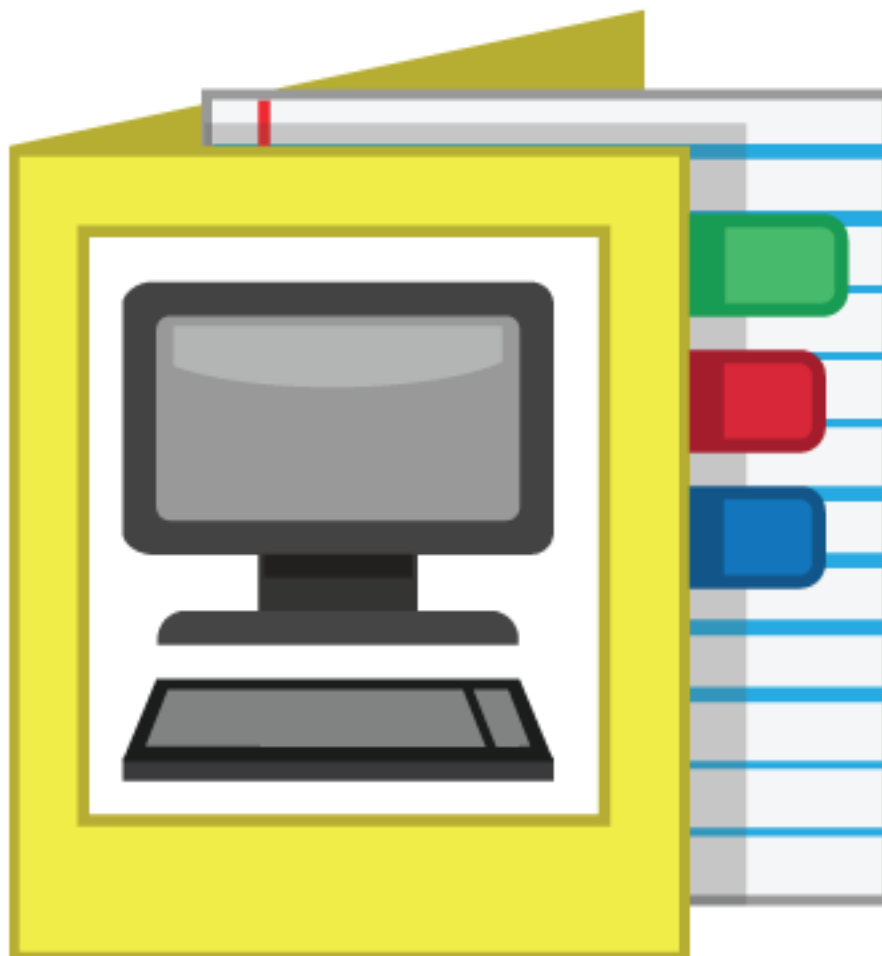




Computing









Scheme of Work

Overview



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
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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
YEAR 1	Unit 1.1 Online Safety & Exploring Purple Mash Weeks – 4 Programs – Various				Unit 1.2 Grouping & Sorting Weeks – 2 Programs – 2DIY		Unit 1.3 Pictograms Weeks – 3 Programs – 2Count		Unit 1.4 Lego Builders Weeks – 3 Programs – 2DIY		Unit 1.5 Maze Explorers Weeks – 3 Programs – 2Go		Unit 1.6 Animated Story Books Weeks – 5 Programs – 2Create A Story			Unit 1.7 Coding Weeks – 6 Programs – 2Code			Unit 1.8 Spreadsheets Weeks – 3 Programs – 2Calculate		Unit 1.9 Technology outside school Weeks – 2 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 2	Unit 2.1 Coding Weeks – 5 Programs – 2Code					Unit 2.2 Online Safety Weeks – 2 Programs – Various		Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate			Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate				Unit 2.5 Effective Searching Weeks – 3 Programs – Browser		Unit 2.6 Creating Pictures Weeks – 5 Programs – 2PaintAPicture			Unit 2.7 Making Music Weeks – 3 Programs – 2Sequence		Unit 2.8 Presenting Ideas Weeks – 4 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	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 – 2		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
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 – 2		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
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 – 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 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						Programs - Various		Programs – 2Calculate					Programs – 2Blog				Programs – 2Code, 2Connect					Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate								

* There is an optional unit 6.8 – Understanding Binary that can be used in addition to the above units. It is a four week unit.