



P.O.S.	Week #	Autumn 1 Unit 1	Autumn 2 Unit 2	Spring 1 Unit 3	Spring 2 Unit 4	Summer 1 Unit 5	Summer 2 Unit 6
E-Safety	1	E-Safety: Password Safety Storybook	Computer Science: Computer Hardware Fact file + Hardware Teacher Tool	Problem Solving: Picking Up Skills:1	E-Safety: Cyberbullying Storybook	E-Safety: Communicating Online Storybook	Problem Solving: Furthering the Collection:1
Computer Science  Programming & Control  <i>Introducing Algorithms and Movement: Making something 'happen' using ICT</i>	2	Movement: Getting Moving	Movement: Moving On:3	Problem Solving: Picking Up Skills:2	Drawing: Drawing On Experience:1	Problem Solving: Collecting Knowledge:1	Problem Solving: Unlocking Potential:1
	3	Movement: Moving On:1	Movement: Moving On:4	Problem Solving: Picking Up Skills:3	Drawing: Drawing On Experience:2	Debugging: Picking up the Pieces:1	Debugging: Unlocking the Right Path:1
	4	Movement: Moving On:2	Movement: Making the Next Move:1	Problem Solving: Picking Up Skills:4	Debugging: All the Right Moves:1	Movement: Further Steps:1	Problem Solving: Unlocking the Next Step:1
	5	Drawing: Making Your Mark	Drawing: On the Right Lines:3	Problem Solving: Picking Up Skills:5	Debugging: All the Right Moves:2	Movement: Further Steps:2	Movement: Twists and Turns:1
	6	Drawing: On the Right Lines:1	Drawing: On the Right Lines:4			Debugging: Back On Track:1	Movement: Twists and Turns:2
	7	Drawing: On the Right Lines:2	Drawing: Getting In Shape:1			Debugging: Back On Track:2	Digital Literacy: Jobs in Computing Fact file
	Digital Literacy	Additional		Computer Science: Computer Hardware Quiz			

All Programming Activities involve simple Up/Down/Left/Right commands



P.O.S.	Week #	Autumn 1 Unit 7	Autumn 2 Unit 8	Spring 1 Unit 9	Spring 2 Unit 10	Summer 1 Unit 11	Summer 2 Unit 12
E-Safety	1	E-Safety: Respect Fact file + E-Safety Quiz	Computer Science: Debugging Fact file + Crossword	Problem Solving: Picking Up Skills:6	Computer Science: Understanding Algorithms Fact file	Computer Science: Programs Fact file + Crossword	Code Blocks: Functional Thinking:8
Computer Science  Programming & Control  <i>Introducing Algorithms and Movement: Making something 'happen' using ICT</i>	2	Movement: Making the Next Move:2	Problem Solving: Collecting Knowledge:2	Problem Solving: Picking Up Skills:7	Problem Solving: Furthering the Collection:2	Code Blocks: Functional Thinking:1 + 2	Code Blocks: Functional Thinking:9
	3	Debugging: All the Right Moves:3	Debugging: Picking up the Pieces:2	Problem Solving: Picking Up Skills:8	Problem Solving: Unlocking Potential:2	Code Blocks: Functional Thinking:3	Code Blocks: Functional Thinking:10
	4	Debugging: All the Right Moves:4	Movement: Further Steps:3	Problem Solving: Picking Up Skills:9	Debugging: Unlocking the Right Path:2	Code Blocks: Functional Thinking:4	Code Blocks: Functional Thinking:11
	5	Drawing: Getting In Shape:2	Movement: Further Steps:4	Problem Solving: Picking Up Skills:10	Debugging: Unlocking the Next Step:2	Code Blocks: Functional Thinking:5	Code Blocks: Functional Thinking (extension)
	6	Drawing: Drawing On Experience:3	Debugging: Back On Track:3			Code Blocks: Functional Thinking:6	Information Tech: Files & Folders Fact file
	7	Drawing: Drawing On Experience:4	Debugging: Back On Track:4			Code Blocks: Functional Thinking:7	Organising Files & Folders
	Information Technology	Additional				Computer Science: Algorithms Crossword	

All Programming Activities involve more advanced Forward & Turn commands



## Programming 3 - Long Term Overview Year 3



P.O.S.	Week #	Autumn 1 Unit 13	Autumn 2 Unit 14	Spring 1 Unit 15	Spring 2 Unit 16	Summer 1 Unit 17	Summer 2 Unit 18
E-Safety	1	E-Safety: E-Safety Fact file + E-Safety Crossword	Adv. Code Blocks: Advanced Logic: 9 + 10	Control: Lift Off:1, Lift Off:2 + Lift Off:3	Computer Science: Loops + Sequences Fact files	Sequence: Properties & Sequences:1 + 2	E-Safety: Email Safety Storybook
Computer Science  Programming	2	Adv. Code Blocks: Advanced Logic:1 + 2	Adv. Code Blocks: Advanced Logic:10 (extension)	Control: Lift Off:4 + Lift Off:5	Control: Understanding Controls:1 + 2	Sequence: Properties & Sequences:3	Repetition: Pattern & Repetition:1 + 2
	3	Adv. Code Blocks: Advanced Logic:3	Adv. Code Blocks: Advanced Logic:11	Control: Lift Off:6 + Lift Off:7	Control: Understanding Controls:3	Sequence: Properties & Sequences:4	Repetition: Pattern & Repetition:3
	4	Adv. Code Blocks: Advanced Logic:4 + 5	Adv. Code Blocks: Advanced Logic:12	Control: Lift Off:8 + Lift Off:9	Control: Understanding Controls:4	Sequence: Properties & Sequences:5	Repetition: Pattern & Repetition:4
	5	Adv. Code Blocks: Advanced Logic:6	Adv. Code Blocks: Advanced Logic (extension)	Control: Lift Off:10 + Lift Off:11	Control: Understanding Controls:5	Sequence: Properties & Sequences:6	Repetition: Pattern & Repetition:5
	6	Adv. Code Blocks: Advanced Logic:7	Adv. Code Blocks: Advanced Logic (extension)			Sequence: Properties & Sequences:7	Information Tech: Forums & Blogs Fact file
Information Technology	7	Adv. Code Blocks: Advanced Logic:8	Information Tech: Inputs & Outputs Fact file			Sequence: Properties & Sequences:8	Using Forums & Blogs
Digital Literacy	Additional	E-Safety: Cyberbullying Quiz		E-Safety: Sharing Information Storybook		Digital Literacy: Jobs in Computing (review from P1)	E-Safety: Password Safety Quiz

Activities involve Forward & Turn commands, progressing to a new Code Block Tool during the Year  
E-Safety sessions complement Programming units



## Programming 4 - Long Term Overview Year 4



P.O.S.	Week #	Autumn 1 Unit 19	Autumn 2 Unit 20	Spring 1 Unit 21	Spring 2 Unit 22	Summer 1 Unit 23	Summer 2 Unit 24
E-Safety	1	Information Tech: Multimedia + Styling Fact files	Adv. Control: Advanced Properties:1	E-Safety: Password Safety Fact file	Programming: Music Mania:6	Computer Science: Programming Structures Fact file	Computer Science: Networks Fact file + Network Tools
Computer Science  Programming	2	Formatting: Super Styling:1 + 2	Adv. Control: Advanced Properties:2	Programming: Music Mania:1 + 2	Programming: Music Mania:7	Adv. Control: Advanced Repetition:1	Adv. Control: Advanced Repetition:5 + 6
	3	Formatting: Super Styling:3, 4 + 5	Adv. Control: Advanced Properties:3	Programming: Music Mania:3	Programming: Music Mania:8	Adv. Control: Advanced Repetition:2	Adv. Control: Advanced Repetition:7
	4	Coding Conversation: Animal Chat:1, 2 + 3	Adv. Control: Advanced Properties:4	Programming: Music Mania:4	Programming: Music Mania:9	Adv. Control: Advanced Repetition:3	Adv. Control: Advanced Repetition:8
	5	Coding Conversation: Animal Chat:4, 5 + 6	Adv. Control: Advanced Properties:5	Programming: Music Mania:5	E-Safety: Cyberbullying Fact file	Adv. Control: Advanced Repetition:4	Adv. Control: Advanced Repetition:9
	6	Coding Conversation: Animal Chat:7, 8 + 9	Information Tech: Search Engines Fact file			Information Tech: File Management Fact file	Digital Literacy: Email & IP Fact file + Activities
Information Technology	7	Coding Conversation: Animal Chat:10	Search Engines			File & Folder Management	Digital Literacy: Email Safety Fact file + Finding Addresses Activities
Digital Literacy	Additional			E-Safety: Respect Storybook (review from P1)	E-Safety: Password Safety Quiz + Cyberbullying Quiz		Computer Science: Networks Crossword

Activities involve Forward & Turn commands, progressing to a new Code Block Tool during the Year  
E-Safety, IT & Digital Literacy sessions complement Programming units



## Programming 5 - Long Term Overview Year 5



P.O.S.	Week #	Autumn 1 Unit 25	Autumn 2 Unit 26	Spring 1 Unit 27	Spring 2 Unit 28	Summer 1 Unit 29	Summer 2 Unit 30
E-Safety	1	Computer Science: Conditional Selection + Variables Fact files	Programming: Piano Keyboard:9	Programming: Race Track:1, 2 + 3	Programming: Race Track:8	Digital Literacy: Open Chatrooms + Closed Chatrooms Fact files	Programming: Quizzical Quiz:6
Computer Science  Programming	2	Programming: Piano Keyboard: 1 + 2	Programming: Piano Keyboard: 10 + 11	Programming: Race Track:4	Programming: Race Track:9	Digital Literacy: Chatrooms Quiz	Programming: Quizzical Quiz:7
	3	Programming: Piano Keyboard: 3 + 4	Programming: Piano Keyboard:12	Programming: Race Track:5	Programming: Race Track:10	Programming: Quizzical Quiz:1 + 2	Programming: Quizzical Quiz:8
	4	Programming: Piano Keyboard:5	Programming: Piano Keyboard:13	Programming: Race Track:6	Programming: Race Track:11	Quizzical Quiz:1 + 2	Quizzical Quiz:8
	5	Programming: Piano Keyboard:6	Programming: Piano Keyboard: 14 + 15	Programming: Race Track:7	Programming: Race Track:12 + 13	Programming: Quizzical Quiz:3 + 4	Information Tech: Robotics Fact file
	6	Programming: Piano Keyboard:7	Programming: Piano Keyboard:16			Quizzical Quiz:3 + 4	Robotics
Information Technology	7	Programming: Piano Keyboard:8	Programming: Piano Keyboard:17			Programming: Quizzical Quiz:5	E-Safety: Viruses Fact file
Digital Literacy	Additional		Computer Science: Variables Fact file <i>(re-cap from U.25)</i>	Computer Science: Conditional Selection Fact file			[re-cap] E-Safety: E-Safety Fact file, Crossword + Quiz

*All Activities involve the advanced Code Block Tool  
Multimedia & E-Safety sessions compliment Programming*



## Programming 6 - Long Term Overview Year 6



P.O.S.	Week #	Autumn 1 Unit 31	Autumn 2 Unit 32	Spring 1 Unit 33	Spring 2 Unit 34	Summer 1 Unit 35	Summer 2 Unit 36
E-Safety	1	Programming: Ace Race:1 + 2	Programming: Constellations:1 + 3 (Demo.1)	Information Tech: HTML Styling Fact file	Computer Science: Binary Code & Computer Language Fact file	Digital Literacy: Computer Evolution Fact file	Functional Thinking: Logic Challenge:4
Computer Science  Programming	2	Programming: Ace Race:3 + 4	Programming: Constellations:2	Programming: Piano Toolbox [open toolbox]	Programming: Quiz Toolbox [open toolbox]	Programming: Sound Toolbox [open toolbox]	Functional Thinking: Logic Challenge:5
	3	Programming: Ace Race:5	Programming: Constellations:4 + 5 (Demo.2)	Piano Toolbox	Quiz Toolbox	Sound Toolbox	Functional Thinking: Logic Challenge:6
	4	Programming: Ace Race:6	Programming: Deep Space:1 + 2	Piano Toolbox	Quiz Toolbox	Sound Toolbox	Functional Thinking: Logic Challenge:7
	5	Programming: Ace Race:7	Programming: Deep Space:3	Piano Toolbox	Quiz Toolbox	Functional Thinking: Logic Challenge:1	Functional Thinking: Logic Challenge:8
	6	Programming: Ace Race:8	Programming: Deep Space:4			Functional Thinking: Logic Challenge:2	Logic Challenge extension
	7	Programming: Ace Race:9 + 10	Programming: Deep Space:5 + 6 (Demo.)			Functional Thinking: Logic Challenge:3	Logic Challenge extension
Digital Literacy	Additional	Computer Science: Conditional Selection + Variables Fact files	[re-cap] E-Safety: Password + Cyberbullying Fact files	[re-cap] Digital Literacy: Chatrooms Fact files	[re-cap] E-Safety: Viruses Fact file (from Unit 30)		

Activities involve the advanced Code Block Tool & re-visit the basic Code Tool within Functional Thinking  
Multimedia & E-Safety sessions compliment Programming