

Computing Curriculum Overview



Early Years (Reception) Rather than a scheme with set lessons, the early years resources are designed to integrate into the day-to-day routine and set-up of an early years setting with opportunities for using Mini Mash or Purple Mash as part of the Early Years curriculum to support children in working towards early learning goals. In addition, there are units of suggested ideas that focus on computing skills specifically, that can also be provided as opportunities for learning as part of the topics in other areas to give children a sound basis to explore topics using technology and to be ready for progressing through the Computing curriculum. These are as follows and are designed to be integrated and linked to wider early years curriculum areas. These have been loosely classified into the three streams but there is overlap between all three streams.						
EYFS	Mouse and trackpad skills	Keyboard skills	Drawing skills	Robots	Sounds	Photos
	Technology around us	Hardware	Safety and privacy	Quizzes	Using Purple Mash with an individual login	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year One	Unit 1.1 Online Safety & Exploring Purple Mash (4 lessons)	Unit 1.3 Pictograms (3lessons) 2Count	Unit 1.5 Maze Explorers (3 lessons) 2Go	Unit 1.6 Animated Storybooks (5 lessons) 2Create A Story	Unit 1.7 Coding (6 lessons) 2Code	Coding continued
	Unit 1.2 Grouping and Sorting (2 lessons)	Unit 1.4 Lego Builders (3 lessons)				Unit 1.9 Technology outside of school (2 lessons)
Year Two	Unit 2.1 Coding (6 lessons) 2Code	Unit 2.2 Online safety (3 lessons)	Unit 2.3 Spreadsheets (3 lessons)	Unit 2.5 Effective searching (3 lessons)	Unit 2.6 Creating Pictures (5 lessons) 2Paint a Picture	Unit 2.7 Making music (3 lessons) 2Sequence
		Unit 2.3 Spreadsheets (3 lessons) 2 Calculate	Unit 2.4 Questioning (5 lessons) 2Question, 2Investigate			Unit 2.8 Presenting Ideas (4 lessons)
Year Three	Unit 3.1 Coding (6 lessons) 2Code Unit 3.2 Online Safety (3 lessons)	Unit 3.3 Spreadsheets (6 lessons) 2Calculate Unit 3.4 Touch Typing (4 lessons) 2Type	Unit 3.5 Email (inc. email safety) (6 lessons) 2Email	Unit 3.7 Simulations (3 lessons)	Unit 3.8 Graphing (2 lessons) 2Graph	Unit 3.9 Presenting (5 lessons) PPT or Google Slides
			Unit 3.6 Branching Databases (4 lessons) 2Question		Unit 3.10 Microbit (4 lessons) Free code micro:bit	
Year Four	Unit 4.1 Coding (6 lessons) 2Code	Unit 4.2 Online Safety (4 lessons) various	Unit 4.5 Logo (4lessons) 2Logo	Unit 4.4 Writing for different audiences (5 lessons) 2Email, 2Connect, 2DIY	Unit 4.6 Animation (3 lessons) 2Animate	Unit 4.10 Intro to Artificial Intelligence (4 lessons)
		Unit 4.7 Effective searching (3 lessons) Internet Browser	Unit 4.8 Hardware Investigators (2lessons) Hardware		Unit 4.9 Making Music (4 lessons) Busy Beats	Unit 4.11 micro:bit (4 lessons) Free code micro:bit
Year Five	Unit 5.1 Coding (6 lessons) 2Code	Unit 5.2 Online Safety (3 lessons)	Unit 5.4 Databases (4 lessons) 2Investigate	Unit 5.5 Game Creator (5 lessons) 2DIY 3D	Unit 5.6 3D Modelling (4 lessons) 2Design and Make	Unit 5.8 Word Processing (8 lessons) MS Word/Google Docs

	Computer Science
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		Unit 5.3 Spreadsheets (6 lessons) 2Calculate			Unit 5.7 Concept Maps (4 lessons) 2Connect	Unit 5.9 Using External Devices (6 lessons) 2Code Purple Chip Unit 5.10 micro:bits (4 lessons) Free code micro:bit
Year Six	Unit 6.1 Coding (6 lessons) 2Code	Unit 6.4 Blogging (4 weeks) 2Blog	Unit 6.5 Text Adventures (5 lessons) 2Code, 2Connect	Unit 6.7 Quizzing (6 lessons) 2Quiz, 2DIY, Text Toolkit, 2Investigate, 2Survey	Unit 6.8 Understanding Binary (4 lessons) 2Code	Unit 6.9 Spreadsheets MS Excel/Google Sheets
	Unit 6.2 Online Safety (2 lessons) various		Unit 6.6 Networks (3 lessons)		Unit 6.10 micro:bits (4 weeks) Free code micro:bit	

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