

All Unit Summary

Predominant Computing strand*

	Computer Science
	Information Technology
	Digital Literacy

Most units will include aspects of all strands

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.

Mouse and Trackpad Skills	Keyboard Skills	Drawing skills	Robots	Sounds	Photography
Technology Around Us	Hardware	Safety and Privacy	Quizzes	Using Purple Mash with an Individual Login	

Year 1

	Unit 1.1	Unit 1.2	Unit 1.3	Unit 1.4	Unit 1.5	Unit 1.6	Unit 1.7	Unit 1.9
	Online Safety & Exploring Purple Mash	Grouping & Sorting	Pictograms	Lego Builders	Maze Explorers	Animated Story Books	Coding	Technology outside school
Number of lessons	4	2	3	3	3	5	6	2
Main tool			2Count		2Go	2Create A Story	2Code	

Year 2

	Unit 2.1	Unit 2.2	Unit 2.3	Unit 2.4	Unit 2.5	Unit 2.6	Unit 2.7	Unit 2.8
	Coding	Online Safety	Spreadsheets	Questioning	Effective Searching	Creating Pictures	Making Music	Presenting Ideas
Number of lessons	6	3	6	5	3	5	3	4
Main tool	2Code		2Calculate	2Question 2Investigate		2Paint A Picture	2Sequence	

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Year 3

	Unit 3.1	Unit 3.2	Unit 3.3	Unit 3.4	Unit 3.5	Unit 3.6	Unit 3.7	Unit 3.8	Unit 3.9	Unit 3.10
	Coding	Online safety	Spreadsheets	Touch Typing	Email (inc. email safety)	Branching Databases	Simulations	Graphing	Presenting	micro: bit
# lessons	6	3	6	4	6	4	3	2	5\6*	4
Main tool	2Code		2Calculate	2Type	2Email	2Question	2Simulate	2Graph	Power Point or Google Slides	Free code micro: bit

*Platform dependent

Year 4

	Unit 4.1	Unit 4.2	Unit 4.4	Unit 4.5	Unit 4.6	Unit 4.7	Unit 4.8	Unit 4.9	Unit 4.10	Unit 4.11
	Coding	Online Safety	Writing for Different Audiences	Logo	Animation	Effective Searching	Hardware	Making Music	Intro to AI	micro:bit
# lessons	6	4	5	4	3	3	2	4	4	4
Main tool	2Code			2Logo	2Animate			Busy Beats		Free code micro: bit

Year 5

	Unit 5.1	Unit 5.2	Unit 5.3	Unit 5.4	Unit 5.5	Unit 5.6	Unit 5.7	Unit 5.8	Unit 5.9
	Coding	Online Safety	Spreadsheets	Databases	Game Creator	3D Modelling	Concept Maps	Word Processing	External Devices
# lessons	6	3	6	4	5	4	4	7/8*	6
Main tool	2Code		2Calculate	2Investigate	2DIY 3D	2Design & Make	2Connect	MS Word or Google Docs	2Code Purple Chip

*Platform dependent

Year 6

	Unit 6.1	Unit 6.2	Unit 6.4	Unit 6.5	Unit 6.6	Unit 6.7	Unit 6.8	6.9
	Coding	Online Safety	Blogging	Text Adventures	Networks	Quizzing	Understanding Binary	Spreadsheets
# lessons	6	2	4	5	3	6	4	8
Main tool	2Code		2Blog			2Quiz		Excel or Google Sheets

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