All Unit Summary

Predominant Area of Computing*		
🟥 Computer Science	🟦 Information Technology	🟨 Digital Literacy

*Most units will include aspects of all strands.

Early Years (Reception)

Rather then 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 1.8	Unit 1.9
	Online Safety & Exploring Purple Mash	Grouping & Sorting	Pictograms	Lego Builders	Maze Explorers	Animated Story Books	Coding	Spreadsheets	Technology outside school
Number of lessons	4	2	3	3	3	5	6	3	2
Main tool			2Count		2Go	2Create A Story	2Code	2Calculate	

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	4	5	3	5	3	4
Main tool	2Code		2Calculate	2Question 2Investigate		2Paint A Picture	2Sequence	

Need more support? Contact us:

Tel: +44(0)208 203 1781 | Email: support@2simple.com | Twitter: @2simplesoftware

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	Present-ing	(Optional Unit) micro:bit
Qty of lessons	6	3	3	4	6	4	3	2	5\6*	4
			4 lessons for Crash Course							
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 4.3	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	Spreadsh-eets	Writing for Different Audiences	Logo	Animation	Effective Searching	Hardware Investigat-ors	Making Music	(Optional Unit) Introduc-ing AI	(Optional Unit) micro:bit
Qty of lessons	6	4	6	5	4	3	3	2	4	4	4
Main tool	2Code		2Calculate		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
Number of lessons	6	3	6	4	5	4	4	8	6
Main tool	2Code		2Calculate	2Investigate	2DIY 3D	2Design & Make	2Connect	MS Word or Google Docs	2Code Purple Chip

Year 6

	Unit 6.1	Unit 6.2	Unit 6.3	Unit 6.4	Unit 6.5	Unit 6.6	Unit 6.7	Unit 6.8	6.9
	Coding	Online Safety	Spreadsheets	Blogging	Text Adventures	Networks	Quizzing	Understanding Binary	Spreadsheets
Number of lessons	6	2	5	4	5	3	6	4	8
Main tool	2Code		2Calculate	2Blog			2Quiz		Excel or Google Sheets

Need more support? Contact us:

Tel: +44(0)208 203 1781 **|** Email: support@2simple.com **|** Twitter: @2simplesoftware

2simple

Units by Year Group – Single Age Classes

Predominant Area of Computing*		
🟥 Computer Science	🟦 Information Technology	🟨 Digital Literacy

*Most units will include aspects of all strands.

Year 1

It is recommended that you teach unit 1.1 first as it introduces Purple Mash.

Unit 1.1	Unit 1.2	Unit 1.3
Online Safety & Exploring Purple Mash	**Grouping & Sorting**	**Pictograms**
Number of lessons – 4	**Number of lessons** – 2	**Number of lessons** – 3
Programs – Various	**Programs** – 2DIY	**Programs** – 2Count
Unit 1.4	**Unit 1.5**	**Unit 1.6**
Lego Builders	**Maze Explorers**	**Animated Story Books**
Number of lessons – 3	**Number of lessons** – 3	**Number of lessons** – 5
Programs – 2DIY	**Programs** – 2Go	**Programs** – 2Create A Story
Unit 1.7	**Unit 1.8**	**Unit 1.9**
Coding	**Spreadsheets**	**Technology outside school**
Number of lessons – 6	**Number of lessons** – 3	**Number of lessons** – 2
Programs – 2Code	**Programs** – 2Calculate	**Programs** – Various

Year 2

Predominant Area of Computing*		
◼ Computer Science	◼ Information Technology	◼ Digital Literacy

*Most units will include aspects of all strands.

Unit 2.1
Coding

Number of lessons – 6

Programs – 2Code

Unit 2.2
Online Safety

Number of lessons – 3

Programs – Various

Unit 2.3
Spreadsheets

Number of lessons – 4

Programs – 2Calculate

Unit 2.4
Questioning

Number of lessons – 5

Programs – 2Question, 2Investigate

Unit 2.5
Effective Searching

Number of lessons – 3

Programs – Browser

Unit 2.6
Creating Pictures

Number of lessons – 5

Programs – 2PaintAPicture

Unit 2.7
Making Music

Number of lessons – 3

Programs – 2Sequence

Unit 2.8
Presenting Ideas

Number of lessons – 4

Programs – Various

Need more support? Contact us:

Tel: +44(0)208 203 1781 **|** Email: support@2simple.com **|** Twitter: @2simplesoftware

Year 3

Predominant Area of Computing*		
Computer Science	Information Technology	Digital Literacy

*Most units will include aspects of all strands.

Unit 3.1	Unit 3.2	Unit 3.3
Coding	**Online safety**	**Spreadsheets**
Number of lessons – 6	Number of lessons – 3	Number of lessons – 3*
Main Programs – 2Code	Programs – Various	Programs – 2Calculate

Unit 3.4	Unit 3.5	Unit 3.6
Touch Typing	**Email** (including email safety)	**Branching Databases**
Number of lessons – 4	Number of lessons – 6	Number of lessons – 4
Programs – 2Type	Programs – 2Email, 2Connect, 2DIY	Programs – 2Question

Unit 3.7	Unit 3.8	Unit 3.9
Simulations	**Graphing**	**Presenting (with Microsoft PowerPoint or Google Slides)**
Number of lessons – 3	Number of lessons – 2	Number of Lessons – 5 or 6 (version dependent)
Programs – 2Simulate, 2Publish	Programs – 2Graph	Main Program – MS PowerPoint or Google Slides

Optional

Unit 3.10

micro:bits

Number of lessons – 4

Main Programs – Free code micro:bit

*The Spreadsheets Crash-Course has 4 lessons

Need more support? Contact us:

Tel: +44(0)208 203 1781 | Email: support@2simple.com | Twitter: @2simplesoftware

2 simple

Year 4

Predominant Area of Computing*		
Computer Science	Information Technology	Digital Literacy

*Most units will include aspects of all strands.

Unit 4.1 Coding	Unit 4.2 Online safety	Unit 4.3 Spreadsheets
Number of lessons – 6	Number of lessons – 4	Number of lessons – 6
Main Programs – 2Code	Programs – Various	Programs – 2Calculate

Unit 4.4 Writing for different audiences	Unit 4.5 Logo	Unit 4.6 Animation
Number of lessons – 5	Number of lessons – 4	Number of lessons – 3
Programs – 2Email, 2Connect, 2DIY	Programs – Logo	Programs – 2Animate

Unit 4.7 Effective Search	Unit 4.8 Hardware Investigators	Unit 4.9 Making Music
Number of lessons – 3	Number of lessons – 2	Number of Lessons – 4
Programs – Browser		Main Program – Busy Beats

OPTIONAL UNIT Unit 4.10 Artificial Intelligence	OPTIONAL UNIT Unit 4.11 micro:bits
Number of Lessons – 4	Number of Lessons – 4

Need more support? Contact us:

Tel: +44(0)208 203 1781 I Email: support@2simple.com I Twitter: @2simplesoftware

2 simple

Year 5

Predominant Area of Computing*		
■ Computer Science	■ Information Technology	■ Digital Literacy

*Most units will include aspects of all strands.

Unit 5.1 **Coding** Number of lessons – 6 Main Programs – 2Code	**Unit 5.2** **Online safety** Number of lessons – 3 Programs - Various	**Unit 5.3** **Spreadsheets** Number of lessons – 6 Programs – 2Calculate
Unit 5.4 **Databases** Number of lessons – 4 Programs – 2Question, 2Investigate	**Unit 5.5** **Game Creator** Number of lessons – 5 Programs – 2DIY 3D	**Unit 5.6** **3D Modelling** Number of lessons – 4 Programs – 2Design and Make
Unit 5.7 **Concept Maps** Number of lessons – 4 Programs – 2Connect	**Unit 5.8** **Word processing (with Microsoft Word or Google Docs)** Number of Lessons – 8 Main program – MS Word or Google Docs	**Unit 5.9** **Using External Devices** Number of lessons – 6 Main Programs – 2Code Purple Chip

Need more support? Contact us:

2simple

Year 6

Predominant Area of Computing*		
🟥 Computer Science	🟦 Information Technology	🟨 Digital Literacy

*Most units will include aspects of all strands.

Unit 6.1 **Coding** Number of lessons – 6 Main Programs – 2Code	**Unit 6.2** **Online safety** Number of lessons – 2 Programs - Various	**Unit 6.3** **Spreadsheets** Number of lessons – 5 Programs – 2Calculate
Unit 6.4 **Blogging** Number of lessons – 4 Programs – 2Blog	**Unit 6.5** **Text Adventures** Number of lessons – 5 Programs – 2Code, 2Connect	**Unit 6.6** **Networks** Number of lessons – 3
Unit 6.7 **Quizzing** Number of lessons – 6 Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate	**Unit 6.8** **Understanding Binary** Number of Lessons – 4 Main Program – 2Code	**Unit 6.9** **Spreadsheets (with Microsoft Excel or Google Sheets)** Number of Lessons – 8 Main program – MS Excel or Google Sheets