Units by Year Group – Single Age Classes

Year 1

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

*Most units will include aspects of all strands.

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

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

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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

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Year 3

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

*Most units will include aspects of all strands.

Unit 3.1 Coding	Unit 3.2 Online safety	Unit 3.3 Spreadsheets
Number of lessons – 6 Main Programs – 2Code	Number of lessons – 3 Programs – Various	Number of lessons – 3* Programs – 2Calculate
Unit 3.4 Touch Typing	**Unit 3.5** Email (including email safety)	**Unit 3.6** Branching Databases
Number of lessons – 4 Programs – 2Type	Number of lessons – 6 Programs – 2Email, 2Connect, 2DIY	Number of lessons – 4 Programs – 2Question
Unit 3.7 Simulations	**Unit 3.8** Graphing	**Unit 3.9** Presenting (with Microsoft PowerPoint or Google Slides)
Number of lessons – 3 Programs – 2Simulate, 2Publish	Number of lessons – 3 Programs – 2Graph	Number of Lessons – 5 or 6 (version dependent) Main Program – MS PowerPoint or Google Slides

*The Spreadsheets Crash-Course has 4 lessons

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

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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	

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Year 6

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

*Most units will include aspects of all strands.

Unit 6.1 Coding	Unit 6.2 Online safety	Unit 6.3 Spreadsheets
Number of lessons – 6	Number of lessons – 2	Number of lessons – 5
Main Programs – 2Code	Programs - Various	Programs – 2Calculate

Unit 6.4 Blogging	Unit 6.5 Text Adventures	Unit 6.6 Networks
Number of lessons – 4	Number of lessons – 5	Number of lessons – 3
Programs – 2Blog	Programs – 2Code, 2Connect	

Unit 6.7 Quizzing	Unit 6.8 Understanding Binary	Unit 6.9 Spreadsheets (with Microsoft Excel or Google Sheets)
Number of lessons – 6	Number of Lessons – 4	Number of Lessons – 8
Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate	Main Program – 2Code	Main program – MS Excel or Google Sheets

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