# Units by Year Group – Single Age Classes

## Year 1

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

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

Predominant Computing strand\*

|  |  |
| --- | --- |
|   | Computer Science  |
|   | Information Technology  |
|   | Digital Literacy  |

Most units will include aspects of all strands

## Year 2

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Number  | Title  | Number of lessons  | Tools  |
| 2.1  | Coding  | 6  | 2Code  |
| 2.2  | Online Safety  | 2  | Various  |
| 2.3  | Spreadsheets  | 6  | 2Calculate  |
| 2.4  | Questioning  | 5  | 2Question, 2Investigate  |
| 2.5  | Effective Searching  | 3  | Internet Browser  |
| 2.6  | Creating Pictures  | 5  | 2PaintAPicture  |
| 2.7  | Making Music  | 3  | 2Sequence  |
| 2.8  | Presenting Ideas  | 4  | Various  |

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## Year 3

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Number  | Title  | Number of lessons  | Tools  |
| 3.1  | Coding  | 6  | 2Code  |
| 3.2  | Online Safety  | 3  | Various  |
| 3.3  | Spreadsheets  | 6  | 2Calculate  |
| 3.4  | Touch Typing  | 4  | 2Type  |
| 3.5  | Email  | 6  | 2Email, 2Connect, 2DIY  |
| 3.6  | Branching Databases  | 4  | 2Question  |
| 3.7  | Simulations  | 3  | 2Simulate, 2Publish  |
| 3.8  | Graphing  | 2  | 2Graph  |
| 3.9  | Presenting (with Microsoft PowerPoint or Google Slides)  | 5 or 6 (version dependent)  | MS PowerPoint or Google Slides  |
| 3.10  | micro:bits  | 4  | Free code micro:bit  |

## Year 4

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Number  | Title  | Number of lessons  | Tools  |
| 4.1  | Coding  | 6  | 2Code  |
| 4.2  | Online Safety  | 4  | Various  |
| 4.4  | Writing for different audiences  | 5  | 2Email, 2Connect, 2DIY  |
| 4.5  | Logo  | 4  | 2Logo  |
| 4.6  | Animation  | 3  | 2Animate  |
| 4.7  | Effective Searching  | 3  | Internet Browser  |
| 4.8  | Hardware Investigators  | 2  | Hardware  |
| 4.9  | Making Music  | 4  | Busy Beats  |
| 4.10  | Artificial Intelligence  | 4  |   |
| 4.11  | micro:bits  | 4  | Free code micro:bit  |

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## Year 5

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Number  | Title  | Number of lessons  | Tools  |
| 5.1  | Coding  | 6  | 2Code  |
| 5.2  | Online Safety  | 3  | Various  |
| 5.3  | Spreadsheets  | 6  | 2Calculate  |
| 5.4  | Databases  | 5  | 2Email, 2Connect, 2DIY  |
| 5.5  | Game Creator  | 5  | 2DIY 3D  |
| 5.6  | 3D Modelling  | 4  | 2Design and Make  |
| 5.7  | Concept Maps  | 4  | 2Connect  |
| 5.8  | Word processing (with Microsoft Word or Google Docs)  | 8  | MS Word or Google Docs  |
| 5.9  | Using External Devices  | 6  | 2Code Purple Chip  |
| 5.10  | micro:bits  | 4  | Free code micro:bit  |

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## Year 6

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Number  | Title  | Number of lessons  | Tools  |
| 6.1  | Coding  | 6  | 2Code  |
| 6.2  | Online Safety  | 2  | Various  |
| 6.4  | Blogging  | 4  | 2Blog  |
| 6.5  | Text Adventures  | 5  | 2Code, 2Connect  |
| 6.6  | Networks  | 3  |   |
| 6.7  | Quizzing  | 6  | 2Quiz, 2DIY, Text Toolkit, 2Investigate, 2Survey  |
| 6.8  | Understanding Binary  | 4  | 2Code  |
| 6.9  | Spreadsheets (with Microsoft Excel or Google Sheets)  | 8  | MS Excel or Google Sheets  |
| 6.10 (coming soon)  | micro:bits  | 4  | Free code micro:bit  |

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