# Units by Year Group – Single Age Classes

## Year 1

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

Predominant Computing strand\*

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| --- | --- |
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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 |

Predominant Computing strand\*

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| --- | --- |
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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 |

Predominant Computing strand\*

|  |  |
| --- | --- |
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