Year 1 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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| **Unit 1.1**  Online Safety and Exploring Purple Mash  Number of lessons – 4  Programs - Various | **Unit 1.2**  Grouping and 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 – 2 Calculate | **Unit 1.9**  Technology outside School  Number of Lessons – 2  Programs - Various |

Year 2 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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| **Unit 2.1**  Coding  Number of lessons – 6  Programs – 2 Code | **Unit 2.2**  Online Safety  Number of Lessons – 3  Programs – Various | **Unit 2.3**  Spreadsheets  Number of Lessons 3  Programs – 2Count |
| **Unit 2.4**  Questioning  Number of Lessons -5  Programs – 2Quiz, 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 |

Year 3 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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| **Unit 3.1**  Coding  Number of lessons – 6  Programs – 2 Code | **Unit 3.2**  Online Safety  Number of Lessons – 3  Programs – Various | **Unit 3.3**  Spreadsheets  Number of Lessons 3  Programs – 2Calculate |
| **Unit 3.4**  Touch Typing  Number of Lessons -4  Programs – 2Type | **Unit 3.5**  Email (Including email Safety)  Number of Lessons – 6  Programs – 2Email, 2Connect, 2DIY | **Unit 3.6**  Breaching  Number of Lessons – 4  Programs – 2Question |
| **Unit 3.7**  Simulations  Number of Lessons – 3  Programs – 2Simulate, 2Publish | **Unit 3.8**  Graphing  Number of Lessons – 2  Programs – 2Graph | **Unit 3.9**  Presenting (with Microsoft PowerPoint)  Number of Lessons – 5  Program -MS PPT |

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| Computer Science | Information Technology | Digital Literacy |

Year 4 – Curriculum Overview

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| **Unit 4.1**  Coding  Number of lessons – 6  Programs – 2 Code | **Unit 4.2**  Online Safety  Number of Lessons – 3  Programs – Various | **Unit 4.3**  Spreadsheets  Number of Lessons 6  Programs – 2Calculate |
| **Unit 4.4**  Writing for different audiences  Number of Lessons -5  Programs – 2Email 2Connect, 2DIY | **Unit 4.5**  Logo  Number of Lessons – 4  Programs – Logo | **Unit 4.6**  Animation  Number of Lessons – 3  Programs – 2Animate |
| **Unit 4.7**  Effective Search  Number of Lessons – 3  Programs – Browser | **Unit 4.8**  Hardware Investigators  Number of Lessons – 2 | **Unit 4.9**  Making Music  Number of Lessons -4  Main Program -Busy Beats |
| **OPTIONAL UNIT**  **Unit 4:10**  Artificial Intelligence |

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| **Unit 5.1**  Coding  Number of lessons – 6  Programs – 2 Code | **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  Number of Lessons – 8  Programs – MS word | **Unit 5.9**  Using External Devices  Number of lessons -6  Main Programs – 2Code Purple Chip |

Year 5 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

Year 6

– Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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| **Unit 6.1**  Coding  Number of lessons – 6  Programs – 2 Code | **Unit 6.2**  Online Safety  Number of Lessons – 2  Programs – Various | **Unit 6.3**  Spreadsheets  Number of Lessons 6  Programs – 2Calculate |
| **Unit 6.4**  Blogging  Number of Lessons -4  Programs –2Blog | **Unit 6.5**  Text Adventures  Number of Lessons – 5  Programs – 2Code | **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  Programs – 2Code | **Unit 6.9**  Spreadsheets (with Excel)  Number of lessons -8  Main Programs – MS Excel |