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 MashNumber of lessons – 4Programs - Various | **Unit 1.2**Grouping and SortingNumber of Lessons – 2Programs – 2DIY | **Unit 1.3**PictogramsNumber of Lessons 3Programs – 2Count |
| **Unit 1.4**Lego BuildersNumber of Lessons -3Programs – 2DIY | **Unit 1.5**Maze ExplorersNumber of Lessons – 3Programs – 2Go | **Unit 1.6**Animated Story BooksNumber of Lessons – 5Programs – 2Create A Story |
| **Unit 1.7**CodingNumber of Lessons – 6Programs – 2Code | **Unit 1.8**SpreadsheetsNumber of Lessons – 3Programs – 2 Calculate | **Unit 1.9**Technology outside SchoolNumber of Lessons – 2Programs - Various |

Year 2 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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| **Unit 2.1**CodingNumber of lessons – 6Programs – 2 Code | **Unit 2.2**Online SafetyNumber of Lessons – 3Programs – Various | **Unit 2.3**SpreadsheetsNumber of Lessons 3Programs – 2Count |
| **Unit 2.4**QuestioningNumber of Lessons -5Programs – 2Quiz, 2Investigate | **Unit 2.5**Effective SearchingNumber of Lessons – 3Programs – Browser | **Unit 2.6**Creating PicturesNumber of Lessons – 5Programs – 2PaintAPicture |
| **Unit 2.7**Making MusicNumber of Lessons – 3Programs – 2Sequence | **Unit 2.8**Presenting IdeasNumber of Lessons – 4Programs – Various |

Year 3 – Curriculum Overview

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| Computer Science | Information Technology | Digital Literacy |

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

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| Computer Science | Information Technology | Digital Literacy |

Year 4 – Curriculum Overview

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| **Unit 4.1**CodingNumber of lessons – 6Programs – 2 Code | **Unit 4.2**Online SafetyNumber of Lessons – 3Programs – Various | **Unit 4.3**SpreadsheetsNumber of Lessons 6Programs – 2Calculate |
| **Unit 4.4**Writing for different audiencesNumber of Lessons -5Programs – 2Email 2Connect, 2DIY | **Unit 4.5**LogoNumber of Lessons – 4Programs – Logo | **Unit 4.6**AnimationNumber of Lessons – 3Programs – 2Animate |
| **Unit 4.7**Effective SearchNumber of Lessons – 3Programs – Browser | **Unit 4.8**Hardware InvestigatorsNumber of Lessons – 2 | **Unit 4.9**Making Music Number of Lessons -4Main Program -Busy Beats |
| **OPTIONAL UNIT****Unit 4:10**Artificial Intelligence |

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| **Unit 5.1**CodingNumber of lessons – 6Programs – 2 Code | **Unit 5.2**Online SafetyNumber of Lessons – 3Programs – Various | **Unit 5.3**SpreadsheetsNumber of Lessons 6Programs – 2Calculate |
| **Unit 5.4**DatabasesNumber of Lessons -4Programs – 2Question, 2Investigate | **Unit 5.5**Game CreatorNumber of Lessons – 5Programs – 2DIY 3D | **Unit 5.6**3D ModellingNumber of Lessons – 4Programs – 2Design and Make |
| **Unit 5.7**Concept MapsNumber of Lessons – 4Programs – 2Connect | **Unit 5.8**Word Processing with Microsoft wordNumber of Lessons – 8Programs – MS word | **Unit 5.9**Using External DevicesNumber of lessons -6Main 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**CodingNumber of lessons – 6Programs – 2 Code | **Unit 6.2**Online SafetyNumber of Lessons – 2Programs – Various | **Unit 6.3**SpreadsheetsNumber of Lessons 6Programs – 2Calculate |
| **Unit 6.4**BloggingNumber of Lessons -4Programs –2Blog | **Unit 6.5**Text AdventuresNumber of Lessons – 5Programs – 2Code | **Unit 6.6**NetworksNumber of Lessons – 3 |
| **Unit 6.7**QuizzingNumber of Lessons – 6Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate | **Unit 6.8**Understanding BinaryNumber of Lessons – 4Programs – 2Code | **Unit 6.9**Spreadsheets (with Excel) Number of lessons -8Main Programs – MS Excel |