#### Class 2 Odd Year

| Autumn Term 1              | Autumn Term 2             | Spring Term 1        | Spring Term 2       | Summer Term 1     | Summer Term 2     |
|----------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|
| Unit 1.1 – Online          | Unit 1.9 –                | Unit 1.2 – Grouping  | Unit 2.6 – Creating | Unit 1.7 – Coding | Unit 2.1 – Coding |
| Safety & Exploring         | <b>Technology Outside</b> | & Sorting            | Pictures            |                   |                   |
| Purple Mash                | School                    |                      |                     | Theme: Coding &   | Theme: Coding &   |
|                            |                           | Theme: Coding &      | Theme: Art & Design | Computational     | Computational     |
| Theme: Internet &          | Theme:                    | Computational        |                     | Thinking          | Thinking          |
| <b>Email/Communication</b> | Communication &           | Thinking             | Length: 5 Weeks     |                   |                   |
| & Networks                 | Networks                  |                      |                     |                   | Length: 6 Weeks   |
|                            |                           | Length: 2 Weeks      | Programs: 2Paint A  | Length: 6 Weeks   |                   |
| Length: 3 Weeks            | Length: 2 Weeks           |                      | Picture             |                   | Programs: 2Code   |
|                            |                           | Programs: 2DIY       |                     | Programs: 2Code   |                   |
| <b>Programs: Various</b>   | <b>Programs: Various</b>  |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |
| Unit 2.5 – Effective       | Unit 1.4 – Lego           | Unit 1.8 –           |                     |                   |                   |
| Search                     | Builders                  | Spreadsheets         |                     |                   |                   |
| There is to be seen at 0   | Thomas Coding 0           | Thomas               |                     |                   |                   |
| Theme: Internet &          | Theme: Coding &           | Theme:               |                     |                   |                   |
| Email                      | Computational<br>Thinking | Spreadsheets         |                     |                   |                   |
| Length: 3 Weeks            |                           | Length: 3 Weeks      |                     |                   |                   |
|                            | Length: 3 Weeks           |                      |                     |                   |                   |
| Programs: Browser          |                           | Programs: 2Calculate |                     |                   |                   |
|                            | Programs: 2DIY            |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |
|                            |                           |                      |                     |                   |                   |

### Class 2 Even Year

| Autumn Term 1                | Autumn Term 2    | Spring Term 1              | Spring Term 2       | Summer Term 1            | Summer Term 2         |
|------------------------------|------------------|----------------------------|---------------------|--------------------------|-----------------------|
| Unit 1.1 – Online            | Unit 2.4 –       | Unit 2.2 – Online          | Unit 1.6 – Animated | Unit 2.3 –               | Unit 2.8 – Presenting |
| Safety & Exploring           | Questioning      | Safety                     | Story Books         | Spreadsheets             | Ideas                 |
| Purple Mash                  |                  |                            |                     |                          |                       |
|                              | Theme: Databases | Theme: Internet &          | Theme: Art & Design | Theme:                   | Theme: Writing &      |
| Theme: Internet &            |                  | Email                      |                     | Spreadsheets             | Presenting            |
| <b>Email/Communication</b>   | Length: 5 Weeks  |                            |                     |                          |                       |
| & Networks                   |                  | Length: 3 Weeks            | Length: 5 Weeks     | Length: 3 Weeks          | Length: 4 Weeks       |
|                              | Programs:        |                            |                     |                          |                       |
| Length: 3 Weeks              | 2Question &      | Programs: Various          | Programs: 2 Create  | Programs:                | Programs: Various     |
|                              | 2Investigate     |                            | A Story             | 2Calculate               |                       |
| <b>Programs: Various</b>     |                  |                            |                     |                          |                       |
| Unit 1.5 – Maze<br>Explorers |                  | Unit 2.7 – Making<br>Music |                     | Unit 1.3 –<br>Pictograms |                       |
| Length: 3 Weeks              |                  | Theme: Music               |                     | Theme:<br>Spreadsheets   |                       |
| Programs: 2Go                |                  | Length: 3 Weeks            |                     |                          |                       |
|                              |                  |                            |                     | Length: 3 Weeks          |                       |
| Theme: Coding &              |                  | Programs:                  |                     |                          |                       |
| Computational                |                  | 2Sequence                  |                     | <b>Programs: 2Count</b>  |                       |
| Thinking                     |                  |                            |                     |                          |                       |
|                              |                  |                            |                     |                          |                       |
|                              |                  |                            |                     |                          | 1                     |
|                              |                  |                            |                     |                          |                       |
|                              |                  |                            |                     |                          |                       |

#### Class 3 Odd Year

| Autumn Term 1    | Autumn Term 2                        | Spring Term 1                            | Spring Term 2   | Summer Term 1  | Summer Term 2       |  |
|------------------|--------------------------------------|--|---|--|---------------------|--|
| Coding – See     | Unit 3.2 – Online                    | Unit 3.3 –                               | Unit 3.5 – Email  | Unit 3.6 – Branching   | Unit 3.7 –          |  |
| Additional Table | Safety                               | Spreadsheets                             |   | Databases  | Simulations         |  |
|                  |                                      |  | Theme: Internet &   |  |                     |  |
| Theme: Coding &  | Theme: Internet &                    | Theme:                                   | Email   | Theme: Databases   | Theme:              |  |
| Computational    | Email                                | Spreadsheets                             |   |  | Communications &    |  |
| Thinking         |                                      |  | Length: 6 Weeks   | Length: 4 Weeks  | Networks            |  |
|                  | Length: 3 Weeks                      | Length: 3 Weeks                          |   |  |                     |  |
| Length: 6 Weeks  |                                      |  | Programs: 2Email,   | Programs: 2Question  | Length: 3 Weeks     |  |
|                  | Programs: Various                    | Programs: 2Calculate                     | 2DIY & 2Connect   |  |                     |  |
| Programs: 2Code  |                                      |  |   |  | Programs: 2Simulate |  |
|                  |                                      |  |   |  | & 2Publish          |  |
|                  | Unit 3.8 – Graphing Theme: Databases | Unit 3.4 – Touch Typing Theme: Writing & | <ul> <li>Week 1 – 3.1 Lesso</li> <li>Week 2 – 4.1 Lesso</li> </ul>  | Breakdown (Autumn Te<br>on 1 (Accomplishing a Go<br>on 1 (Accomplishing a Go | pal)                |  |
|                  | Length: 3 Weeks                      | Publishing                               | Week 3 – 3.1 Lesson 2 (Simulating a Physical System)     Week 4 – 4.1 Lesson 6 (Simulating a Physical System)       |  |                     |  |
|                  | zengan o weeks                       | T donoming                               | <ul> <li>Week 4 – 4.1 Lesson 6 (Simulating a Physical System)</li> <li>Week 5 – 3.1 Lesson 5 (Debugging)</li> </ul> |  |                     |  |
|                  | Programs: 2Graph                     | Length: 3 Weeks                          |   | 4.1 Lesson 4 (Debugging)   |                     |  |
|                  |                                      | Programs: 2Type                          |   |  |                     |  |
|                  |                                      |  |   |  |                     |  |
|                  |                                      |  |   |  |                     |  |

#### **Class 3 Even Year**

| Autumn Term 1          | Autumn Term 2  | Spring Term 1   | Spring Term 2            | Summer Term 1  | Summer Term 2   |
|------------------------|--|---|--------------------------|--|-----------------|
| Coding - See           | Unit 4.2 – Online  | Unit 4.4 – Writing for  | Unit 4.3 –               | Unit 4.6 - Animation   | Unit 4.5 - Logo |
| Additional Coding      | Safety   | <b>Different Audiences</b>  | Spreadsheets             |  |                 |
|                        |  |   |                          | Theme: Art & Design  | Theme: Coding & |
| Theme: Coding &        | Theme: Internet &  | Theme: Writing &  | Theme:                   |  | Computation     |
| Computational Thinking | Email  | Publishing  | Spreadsheets             | Length: 3 Weeks  | Thinking        |
| Length: 6 Weeks        | Length: 4 Weeks  | Length: 5 Weeks   | Length: 6 Weeks          | Programs: 2Animate   | Length: 4 Weeks |
| Programs: 2Code        | Programs: Various  | Programs: 2Email,<br>2Connect & 2DIY  | Programs: 2<br>Calculate |  | Programs: Logo  |
|                        | Unit 4.8 – Hardware Investigators  Theme: Communication & Networks  Length: 2 Weeks  Programs: N/A | Class 3 Year A Coding Breakdown (Autumn Term 1)  Week 1 – 3.1 Lesson 3 (If Statements)  Week 2 – 4.1 Lesson 2 (If Statements)  Week 3 – 3.1 Lesson 4 (Repetition)  Week 4 – 4.1 Lesson 3 (Repetition)  Week 5 – 3.1 Lesson 6 (Variables)  Week 6 – 4.1 Lesson 5 (Variables) |                          | Unit 4.6 – Effective Search  Theme: Internet & Email  Length: 3 Weeks  Programs: Browser |                 |

#### Class 4 Odd Year

| Autumn Term 1  | Autumn Term 2   | Spring Term 1   | Spring Term 2   | Summer Term 1  | Summer Term 2  |  |  |
|--|---|---|---|--|--|--|--|
| Coding - See   | Unit 5.2 – Online   | Unit 5.5 – Game   | Unit 5.3 –  | Unit 5.6 – 3D  | Unit 5.7 – Concept   |  |  |
| Additional Table   | Safety  | Creator   | Spreadsheets  | Modelling  | Maps   |  |  |
| Theme: Coding & Computational Thinking Length: 6 Weeks Programs: 2Code | Theme: Internet & Email  Length: 3 Weeks  Programs: Various | Theme: Art & Design  Length: 5 Weeks  Programs: 2DIY 3D   | Theme: Spreadsheets  Length: 6 Weeks  Programs: 2 Calculate | Theme: Art & Design  Length: 4 Weeks  Programs: 2Design & Make | Theme: Writing & Publishing  Length: 4 Weeks  Programs: 2Connect |  |  |
|  | Unit 5.4 – Databases  | <ul> <li>Week 1 – 5.1 Lesson 1 (Accomplishing a Goal)</li> <li>Week 2 – 5.1 Lesson 2 (Accomplishing a Goal)</li> <li>Week 3 – 5.1 Lesson 4 (Scores &amp; Timers)</li> <li>Week 4 – 5.1 Lesson 5 (Scores &amp; Timers)</li> <li>Week 5 – 6.1 Lesson 5 (Showcasing Work)</li> </ul> |   |  |  |  |  |
|  | Theme: Databases  |   |   |  |  |  |  |
|  | Length: 3 Weeks   |   |   |  |  |  |  |
|  | Programs: 2Question & 2Investigate                          | • Week 6 – 5.1 Lesso  | n 6 (Internet Safety)                                       |  |  |  |  |
|  |   |   |   |  |  |  |  |
|  |   |   |   |  |  |  |  |
|  |   |   |   |  |  |  |  |

#### Class 4 Even Year

| Autumn Term 1    | Autumn Term 2       | Spring Term 1                                      | Spring Term 2                             | Summer Term 1     | Summer Term 2       |  |  |  |
|------------------|---------------------|--|---|-------------------|---------------------|--|--|--|
| Coding - See     | Unit 6.2 – Online   | Unit 6.3 –   | Unit 6.4 – Blogging                       | Unit 6.5 – Text   | Unit 6.7 – Quizzing |  |  |  |
| Additional Table | Safety              | Spreadsheets                                       |   | Adventures        |                     |  |  |  |
|                  |                     |  | Theme: Writing &                          |                   | Theme: Writing &    |  |  |  |
| Theme: Coding &  | Theme: Internet &   | Theme:   | Publishing                                | Theme: Coding &   | Publishing          |  |  |  |
| Computational    | Email               | Spreadsheets                                       |   | Computational     |                     |  |  |  |
| Thinking         |                     |  | Length: 5 Weeks                           | Thinking          | Length: 6 Weeks     |  |  |  |
|                  | Length: 2 Weeks     | Length: 5 Weeks                                    |   |                   |                     |  |  |  |
| Length: 6 Weeks  |                     |  | Programs: 2Blog                           | Length: 5 Weeks   | Programs: 2Quiz,    |  |  |  |
|                  | Programs: Various   | Programs: 2Calculate                               |   |                   | 2DIY, Text Toolkit  |  |  |  |
| Programs: 2Code  |                     |  |   | Programs: 2Code & |                     |  |  |  |
|                  |                     |  |   | 2Connect          |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  | Unit 6.6 – Networks | Class 4 Year B Coding E                            | Breakdown (Autumn Te                      | rm 1)             |                     |  |  |  |
|                  |                     | Week 1 – 6.1 Lesson 1 (Designing Complex Programs) |   |                   |                     |  |  |  |
|                  | Theme:              | <ul> <li>Week 2 – 6.1 Lesso</li> </ul>             | n 2 (Designing Complex                    | ( Programs)       |                     |  |  |  |
|                  | Communications &    | <ul> <li>Week 3 – 5.1 Lesso</li> </ul>             | n 3 (Text Variables)                      |                   |                     |  |  |  |
|                  | Networks            | <ul> <li>Week 4 – 6.1 Lesso</li> </ul>             | n 3 (Functions)                           |                   |                     |  |  |  |
|                  |                     | <ul> <li>Week 5 – 6.1 Lesso</li> </ul>             |   |                   |                     |  |  |  |
|                  | Length: 3 Weeks     | <ul> <li>Week 6 – 6.1 Lesso</li> </ul>             | Week 6 – 6.1 Lesson 4 (Vocabulary Review) |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  | Programs: N/A       |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |
|                  |                     |  |   |                   |                     |  |  |  |