

# Computing Coverage Map

| Cycle 1  | Term 1                                                                                                      | Term 2                                               | Term 3                                                              | Term 4                                                              | Term 5                                               | Term 6                                          |
|----------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| FS2      | Ongoing: Technology devices to support learning in the classroom through adult led and child led activities |                                                      |                                                                     |                                                                     |                                                      |                                                 |
|          | *Duplo STEM project                                                                                         | * Media: IT in the classroom + Barefoot: Busy Bodies | * Media: J2E – paint + Mouse Control                                | * Programming: beebots + Barefoot: Spring time                      | * Media: J2E – writing / combining text and pictures | * Data: J2E – data Barefoot: Summer Fun Seaside |
| Year 1/2 | Introduction to Purple Mash (y1)<br>3 Lessons<br>Creative Computing (y1)<br>4 Lessons                       | Data Explorers (Y1)<br>6 Lessons                     | Making Music (y2)<br>3 Lessons<br>Route Explorers (y2)<br>4 Lessons | Creating Pictures (y2)<br>5 Lessons                                 | Coding (y1)<br>6 Lessons                             | The Internet (y2)                               |
| Year 3/4 | Introduction to Purple Mash (y3)<br>2 Lessons<br>Sound Stories (y4)<br>4 Lessons                            | Animation (y4)<br>6 Lessons                          | Coding (y4)<br>6 Lessons                                            | Branching Databases (y3)<br>4 Lessons<br>Microbit (y3)<br>4 Lessons | Email (y3)<br>6 Lessons                              | Presentations (y3)<br>5 Lessons                 |
| Year 4/5 | Introduction to Purple Mash (y5)<br>2 Lessons<br>Concept Maps (y5)                                          | Quizzing (y5)                                        | Spreadsheets (y5)                                                   | Coding External Devices (y5)                                        | Databases (y5)                                       | Micro:bit (y4)                                  |
| Year 6   | Introduction to Purple Mash<br>2 Lessons<br>Blogging<br>4 Lessons                                           | Graphing<br>4 Lessons<br>Data Detectives (3 Lessons) | Coding<br>6 Lessons                                                 | Spreadsheets<br>6 Lessons                                           | 3D Modelling<br><br>Introduction to Python           | Binary (4 Lessons)<br>Microbit (3 Lessons)      |

NB: Online safety to be taught ongoing throughout the year. 1 lesson per half term to be linked specifically to e-safety.

# Computing Coverage Map

| Cycle 2  | Term 1                                                                              | Term 2                                               | Term 3                                                                                  | Term 4                                                         | Term 5                                               | Term 6                                                                       |
|----------|-------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|
| FS1      | * Barefoot: Awesome Autumn                                                          |                                                      | * Barefoot: Boats Ahoy                                                                  |                                                                | * Barefoot: Adapted activities                       |                                                                              |
| FS2      | *Duplo STEM project                                                                 | * Media: IT in the classroom + Barefoot: Busy Bodies | * Media: J2E – paint + Mouse Control                                                    | * Programming: beebots + Barefoot: Spring time                 | * Media: J2E – writing / combining text and pictures | * Data: J2E – data Barefoot: Summer Fun Seaside                              |
| Year 1/2 | Introduction to Purple Mash (y2)<br>2 Lessons<br>Animated Stories (y1)<br>6 Lessons | Questioning (y2)<br>4 Lessons                        | Making Beats (y1)<br>4 Lessons<br>Creating and Following Instructions (y1)<br>3 Lessons | Spreadsheets (y2)<br>6 Lessons                                 | Coding (y2)<br>6 Lessons                             | Presenting Ideas (y2)<br>4 Lessons<br>Technology Around Us (y1)<br>3 Lessons |
| Year 3/4 | Introduction to Purple Mash (y4)<br>2 Lessons<br>Touch Typing (y3)<br>4 Lessons     | Route Planners (y3)<br>6 Lessons                     | Coding (y3)<br>6 lessons                                                                | Logo (y4)<br>4 Lessons<br>Introduction to AI (y4)<br>4 Lessons | Spreadsheets (y3)<br>6 Lessons                       | Effective Searching (y4)                                                     |
| Year 4/5 | Introduction to Purple Mash (y5)                                                    | Game Creator (y5)                                    | Word Processing (y5)                                                                    | Coding (y5)                                                    | Concept Maps (y5)                                    | Composing Beats (y4)                                                         |
| Year 6   | Introduction to Purple Mash<br>2 Lessons<br>Blogging<br>4 Lessons                   | Graphing<br>4 Lessons<br>Data Detectives (3 Lessons) | Coding<br>6 Lessons                                                                     | Spreadsheets<br>6 Lessons                                      | 3D Modelling<br><br>Introduction to Python           | Binary (4 Lessons)<br>Microbit (3 Lessons)                                   |

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