|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Autumn 1 | | Autumn 2 | Spring 1 | | Spring 2 | | Summer 1 | | Summer 2 | |
| **Nursery/Rec** | **Access to Mini-mash and Purplemash in continuous provision throughout the year.** | | | | | | | | | | |
| **Key to specific area of Computing** |  | | | | | | | | | | |
| **Year 1** | Exploring PurpleMash | Grouping and Sorting | Online Safety | Lego Builder  Maze Explorers | | Digital Literacy - Animated Story Books | | Coding (code.org) | | Spreadsheets | |
| Using Technology Outside of school | |
| **Year 2** | Online Safety (Project Evolve) | | Coding (code.org) | Questioning | | Creating Pictures | | Making Music | Effective Searching | Presenting Ideas | |
| **Year 3** | Online Safety (Project Evolve) | | Coding (code.org) | Touch Typing and Spreadsheets | | Email (Including Email safety) | | Simulations | Graphing | Presenting Ideas | |
| **Year 4** | Online Safety (Project Evolve) | | Coding (code.org) | Spreadsheets | | Writing for different Audiences | | Effective Searching | Animation | Making Music | Hardware Investigators |
| **Year 5** | Online Safety (Project Evolve) | | Coding (code.org) | Spreadsheets | | Game Creator | | 3D Modelling | Concept Maps | Word processing | |
| **Year 6** | Online Safety (Project Evolve) | | Coding (code.org) | Blogging | Networks | Text Adventures | Binary | Quizzing | | Spreadsheets | Excel |

**Online safety – Project Evolve -** <https://projectevolve.co.uk/toolkit/resources/>

6 lessons to begin with and lessons implemented throughout the year if required -

**Coding – Code.org -** [**https://code.org/**](https://code.org/)

Coding

|  |  |
| --- | --- |
| **Nursery/Rec** | Digital literacy – Jigsaw |
| **Year 1** | Computer Science Fundamentals – Course A  Extension: Artist |
| **Year 2** | Computer Science Fundamentals – Course B  Extension: Code with Anna and Elsa |
| **Year 3** | Computer Science Fundamentals – Course C & Course D  Extension: Choose your team and make a basketball game, Code your own sports game |
| **Year 4** | Computer Science Fundamentals – Course E  Extension: Flappy Code, Classic Maze (Angry Birds) |
| **Year 5** | Computer Science Fundamentals – Course F  Extension: Minecraft designer, Minecraft hero’s journey, Minecraft Voyage Aquatic. |
| **Year 6** | Computer Science Fundamentals – Express course  Extension: Dance Party (2018), Keep on Dancing (2019) |

**Purple Mash – every other aspect of the curriculum.**

All pupils to have logins and can access Purple Mash for homework, if required.