**A logo for a school

Description automatically generated Computing Overview**

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| Digital Literacy | Computer Science | Information Technology |

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|  | **Autumn** | | | **Spring** | | | **Summer** | | |
| **Reception** | **Mouse and trackpad skills**   * Clicking, navigating using the movement of the mouse and dragging and dropping.   **Technology all around us**   * Discussing when and why we use technology. Adding technology into role play areas.   **Keyboard skills**   * Simple typing, capital letters and function keys such as ‘enter’.   **Hardware**   * Introduces knowledge about the parts of a computer and how to look after equipment. | | | **Drawing skills**   * Choosing pens and style and composing drawn images on screen.   **Safety and privacy**   * Introduces the idea of ownership and privacy.   How to recognise when you are not comfortable with something**.**  **Robots**   * Develop children’s logical processing skills in terms   of following and creating instructions and making predictions.  **Quizzes**   * Encounter quizzes throughout Purple Mash, these ideas use simple quizzes to familiarise children with quizzing as a learning aid. | | | **Sounds**   * Use recording tools within Purple Mash to record sounds/music.   **Photography**   * Introduces how to take a photograph and upload the image.   **Using Purple Mash Logins**   * Learn how to log into Purple Mash using their induvial username and two-digit pin password. | | |
|  | **Autumn** | | | **Spring** | | | **Summer** | | |
| **Year 1** | **Online Safety & Exploring Purple Mash** | **Grouping and Sorting**  **2DIY** | **Pictograms**  **2Count** | **Lego Builders**  **2DIY** | **Maze Explorers**  **2Go** | **Animated Story Books**  **2CREATE A STORY** | **Coding**  **2Code** | **Technology Outside School** | |
| **Year 2** | **Coding**  **2Code** | **Online Safety** | **Spreadsheets**  **2Calculate** | **Questioning**  **2Question**  **2Investigate** | | **Effective Searching**  **Browser** | **Creating Pictures**  **2PaintAPicture** | **Making Music**  **2Sequence** | **Presenting Ideas** |
|  | **Autumn** | | | **Spring** | | | **Summer** | | |
| **Year 3** | **Coding**  **2Code** | **Online Safety** | **Spreadsheets**  **2Calculate** | **Email (including email safety)**  **2Email**  **2Connect**  **2DIY** | **Touch Typing**  **2Type** | **Branching Databases**  **2Question** | **Stimulations**  **2Stimulate**  **2Publish** | **Graphing**  **2Graph** | **Presenting**  **MS PowerPoint** |
| **Year 4** | **Coding**  **2Code** | **Online Safety** | **Writing for Different Audiences**  **2Email**  **2Connect**  **2DIY** | **Logo**  **Logo** | **Animation**  **2Animate** | **Effective Searching**  **Browser** | **Hardware Investigators**  **And Introduction to AI** | **Making Music**  **Busy Beats** | |
| **Year 5** | **Coding**  **2Code** | **Online Safety** | **Spreadsheets**  **2Calculate** | **Databases**  **2Question**  **2Investigate** | **Game Creator**  **2DIY 3D** | **3D Modelling**  **2Design and Make** | **Concept Maps**  **2Connect** | **Word Processing**  **MS Word** | **External Devices**  **2Code Purple Chip** |
| **Year 6** | **Coding**  **2Code** | **Online Safety** | **Blogging**  **2Blog** | **Networks** | **Text Adventures**  **2Code**  **2Connect** | **Understanding Binary**  **2Code** | **Quizzing**  **2Quiz**  **2DIY**  **Text Toolkit**  **2Investigate** | **Spreadsheets**  **MS Excel** | |