# St John's Whole School Matrix – Computing

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|---|---|---|---|---|---|
| **Year 1** | Introduction to Purple Mash - IT | Creative Computing- IT | Animated stories—IT | Coding<br>CS | Technology around us—DL<br>Creating and following instructions—CS | Making beats—IT |
| **Year 2** | Introduction to Purple Mash—IT<br>Creating Pictures - IT | Making music—IT | Spreadsheets—IT | Route explorers—CS | Coding—CS | Presenting ideas—IT<br>Internet—IT |
| **Year 3** | Touch typing—IT<br>Email—DL | Route planners—CS | Spreadsheets—IT | Coding—CS | Presentations—IT | Branching data bases—IT |
| **Year 4** | Animation- IT | Unpacking hardware and software—IT | Sound stories—IT<br>Logo—CS | Effective searching—DL | Coding—computer science | Composing beats—IT<br>Intoduction to AI—IT |
| **Year 5** | Quizzing—IT<br>Databases—IT | Game creator—CS | Spreadsheets—IT | Coding—CS | Word processing—IT<br>Concept maps—IT | Micro:bit—CS |
| **Year 6** | Blogging<br>IT<br>Networks<br>CS | Graphing<br>IT<br>Data Detectives<br>IT | Coding<br>CS | 3D Modelling<br>IT<br>Binary<br>CS | **Spreadsheets**<br>**IT**<br>**Introduction to Python**<br>**CS** | **Micro:bit**<br>**CS** |