**St. John’s CE Primary School Long Term Overview Computing**

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|  | **Autumn Term** | | **Spring Term** | | **Summer Term** | |
| **Nursery** | Exploring Toys – buttons – cause and effect/cameras | | Listening Centre/cameras | | Using iPads to complete a programme | |
| **Ruby**  **(Rec)** | Technology at home | Taking Pictures | Remote Control Toys | Controlling Bee-Bots | Create a Picture | |
| **Diamond**  **(Rec/Year 1)** | Computer Networks | * 1. Online Safety & Exploring Purple Mash   1.2 Grouping & Sorting | Moving a Robot | 1.3 Pictograms  1.4 Lego Builders | 1.6 Animated Story Books | 1.7 Coding |
| **Topaz**  **(Year 1/2)** | Modern Tales | Digital Writing | 1.5 Maze Explorers  1.8 Spreadsheets | 2.1 Coding | 2.6 Creating Pictures | 2.8 Presenting Ideas  1.9 Technology Outside School |
| **Emerald**  **(Year 2)** | 2.2 Online Safety  2.5 Effective Searching | 2.3 Spreadsheets  2.7 Making Music | 2.4 Questioning | Code a Story | Digital Photography | IT Around Us |
| **Nightingale**  **(Year 3)** | 3.2 Online Safety  3.4 Touch Typing | 3.9 Presenting  3.3 Spreadsheets | Scratch – Sequencing Sounds | 3.5 Emails incl. Email Safety | 3.6 Branching Databases  3.7 Simulations | 3.8 Graphing |
| **Cleopatra**  **(Year 3/4)** | 4.2 Online Safety  4.7 Effective Searching | 4.3 Spreadsheets | Scratch – Events and Actions in Programmes | 4.4 Writing for Different Audiences | 4.6 Animation  4.5 Logo | 4.8 Hardware Investigators  4.9 Making Music |
| **Pankhurst**  **(Year 4/5)** | 5.2 Online Safety  5.3 Spreadsheets | 5.8 Word Processing | Scratch – Repetition in Games | 5.5 Game Creator | 5.4 Databases  5.6 3D Modelling | 5.7 Concept Maps |
| **Rosa Parks/Einstein**  **(Year 5/6**  **Cycle A)** | 6.2 Online Safety  Vlogging | 6.9 Spreadsheets – excel | Scratch – Variables in Games | Understanding Binary  6.6 Networks | Creating Media – Web Pages | 6.7 Quizzing |
| **Rosa Parks/Einstein**  **(Year 5/6**  **Cycle B)** | Online Safety  6.4 Blogging | 6.9 Spreadsheets – Google Sheets | Scratch - Selection in Quizzes | 6.8 Understanding Binary  Computer systems and Networks | Creating Media – 3D modelling | 6.5 Text Adventures |