**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 Ideas1.9 Technology Outside School |
| **Emerald****(Year 2)** | 2.2 Online Safety2.5 Effective Searching | 2.3 Spreadsheets2.7 Making Music | 2.4 Questioning | Code a Story | Digital Photography | IT Around Us |
| **Nightingale****(Year 3)** | 3.2 Online Safety3.4 Touch Typing | 3.9 Presenting3.3 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 Safety5.3 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 Binary6.6 Networks | Creating Media – Web Pages | 6.7 Quizzing |
| **Rosa Parks/Einstein** **(Year 5/6****Cycle B)** | Online Safety6.4 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  |