**SJNA Computing Long Term Map - Cycle A and Cycle B**

|  |  | **AUTUMN 1** | **AUTUMN 2** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | **SUMMER 2** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **St Francis**  **YR/1** | **YR** | **Set up continuous provision in your classroom: Computing through continuous provision** | **Computing systems and networks**  **Using a Computer** | **Programming 1**  **All About Instructions** | **Computing systems and networks**  **Exploring Hardwear** | **Programming 2**  **Programming Bee-Bots** | **Data Handling**  **Introduction to data** |
| **Y1** | **Computing systems and networks**  **Improving Mouse Skills** | **Programming 1**  **Algorithms Unplugged** | **Skills showcase**  **Rocket to the moon**  **Online safety (On-Line Safety Week)** | **Programming 2**  **Programming Bee-Bots** | **Creating media**  **Digital Imagery** | **Data handling** |
| **St Vincent de Paul**  **Y2/3** | **Cycle A** | **Computing systems and networks**  **What is a computer? (Y2)** | **Programming**  **Algorithms and debugging (Y2)** | **Computing systems and networks**  **Word Processing (Y2)**  **Online safety (On-Line Safety Week)** | **Computing systems and networks**  **E-mailing (Y3)** | **Programming**  **Programming: Scratch (Y3)** | **Creating Media**  **Video Trailers (Y3)** |
| **Cycle B** | **Programming**  **Scratch Jr (Y2)** | **Creating Media**  **Stop Motion (Y2)** | **Data- Handling**  **International Space Station (Y2)**  **Online safety (On-Line Safety Week)** | **Computing systems and networks**  **Networks and the internet (Y3)** | **Data Handling**  **Comparison Cards (Y3)** | **Computing systems and networks**  **Journey Inside a Computer (Y3)** |
| **St Teresa of Calcutta**  **Y4/5** | **Cycle A**  **Cycle B** | **Creating Media**  **Website Design (Y4)** | **Programming**  **Further Coding with Scratch (Y4)** | **Programming**  **Computational Thinking (Y4)**  **Online safety (On-Line Safety Week)** | **Programming**  **Micro-bit (Y5)** | **Data Handling**  **Mars Rover 1 (Y5)** | **Skills Showcase**  **Mars Rover 2 (Y5)** |
| **Computing systems and networks**  **Collaborative Learning (Y4)** | **Skills Showcase**  **HTML (Y4)** | **Programming**  **Programming: Music (Y5)**  **Online safety (On-Line Safety Week)** | **Creating Media**  **Stop Motion Animation (Y5)** | **Data Handling**  **Investigating Weather (Y4)** | **Computing systems and networks**  **Search Engines (Y5)** |
| **St Oscar Romero**  **Y6** | **Cycle A/B** | **Computing systems and networks**  **Bletchley Park** | **Programming**  **Intro to Python** | **Data handling**  **Big Data 1**  **Online safety (On-Line Safety Week)** | **Creating media**  **History of Computers** | **Data handling**  **Big Data 2** | **Skills showcase**  **Inventing a Product** |