**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**  |