**SJNA Design Technology Long-term Map Cycle A and Cycle B**

|  |  | **AUTUMN 1** | **AUTUMN 2** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | **SUMMER 2** |
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| **St Francis**  **YR/1** | **Cycle A** | **Year 1/2 Food – Preparing Christmas Recipe** | | **Year 1/2 Mechanisms – Sliders and levers - Easter Cards** | | **Year 1/2 Structures – Freestanding structures - Animals Enclosures** | |
| **Cycle B** | **Year 1/2 Food – Preparing fruit and vegetables - Healthy Me** | | **Year 1/2 Mechanisms – Wheels and axles - Transport** | | **Year 1/2 Textiles – Templates and joining**  **techniques - Rama/Sita Puppets** | |
| **St Vincent de Paul**  **Y2/3** | **Cycle A** | **Year 1/2 Mechanisms – Sliders and levers - Christmas Cards** | | **Year 3/4 Mechanical Systems – Pneumatics - Sciences/Forces** | | **Year 3/4 Food – Healthy and varied diet - Science/Nutrition - Product to sell at the Summer Fair** | |
| **Cycle B** | **Year 1/2 Textiles – Templates and joining**  **techniques - Christmas Puppets** | | **Year 3/4 Food – Healthy and varied diet - Science/Nutrition** | | **Year 3/4 Mechanical Systems – Levers and**  **linkages** | |
| **St Teresa of Calcutta**  **Y4/5** | **Cycle A** | **Year 3/4 Structures – Shell structures - Christmas Box** | | **Year 5/6 Food – Celebrating culture and**  **seasonality - Eid Recipes** | | **Year 5/6 Structures – Frame structures - Brunel** | |
| **Cycle B** | **Year 3/4 Electrical Systems – Simple circuits and switches** | | **Year 5/6 Mechanical Systems – Cams** | | **Year 5/6 Textiles – Combining different fabric - Climate** | |
| **St Oscar Romero**  **Y6** | **Cycle A/B** | **Year 5/6 Electrical Systems – More complex switches and circuits - Science/Electricity** | | **Year 5/6 Food – Celebrating culture and**  **seasonality - Vikings** | | **Year 5/6 Mechanical Systems – Pulleys or**  **gears** | |