**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** |