**Design and Technology Long Term Overview**

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|  | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Autumn** | Textiles Sewing a simple puppet  (History Toys Link) | Textiles sewing a Christmas decoration | Making light up signs – recycled materials and circuits  (Science Light/Electricity Link) | Bridges - cutting, joining and strengthening  (Geography Rivers Link) | Lighthouses – building tall structures  (Science Light Link) | Shelters and Structures  (History WW2 Link) |
| **Spring** | Flying Kites  (Geography Weather Link) | Making vehicles with moving wheels including use of construction kits (eg K’Nex, Lego) | Photo frames from cardboard and paper - cutting and joining, strengthening | Textiles sewing a pencil case or purse  (History Saxons Link) | Textiles sewing and decorating a Christmas decoration (unit completed in December)  *Swimming Term 3* | *Swimming Term 3* |
| **Summer** | Moving Insect Pictures – pins, pivots and levers  (Science Habitats Link) | Making animal homes from everyday objects and materials  (Science Materials and living things and habitats Link) | Moving story books - pins, pivots, levers, flaps | Moving insects and creatures - pneumatics  (Science Habitats Link) | Moving Toys - axels, wheels and cams  (History Victorians Link) | Props and set building for performances – recalling and using skills independently  (Optional) |
| **Food Tech** | Make a fruit salad | Make a mini pizza | Make a sandwich | Make biscuits | Make bread | Make soup/smoothies |