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| **Autumn Term** | **Spring Term** | **Summer Term** |
| Year 1 |
| **Structures****Free Standing Structures**Design and make suitable structures for animalhabitats **(Science Link - Animals)** | **Mechanisms****Levers and Sliders**Design and make a moving story using levers and sliders. | **Food and Nutrition****Healthy Eating**Designing healthy party food based on afood combination which work well together(**History Link – Victorians**) |
| Year 2 |
| **Food and Nutrition****Smoothies**Learn about Fruit and Vegetables. Design an healthy smoothie. | **Textiles****Puppets**Creating a glove puppet based on a theme. | **Mechanisms****Wheels and Axles** Making vehicles using axles and wheels for a Vehicles(**History Link – The Queen**) |
| Year 3 |
| **Structures****3D Form** Design and Construct a 3D Castle(**History Link**) | **Food and Nutrition****Healthy Varied Diet**Children will designing, making and evaluating a bread-based product with a filling for lunch | **Textiles****Cushions** Designing and making a cushion using cross stitching and applique. |
| Year 4 |
| **Electrical Systems****Christmas Cards**Design and make a Christmas Cards with a workingelectrical circuit, LED and switch.(**Science Link - Electricity**) | **Structures** **Gift Boxes**To create a Shell Structure using computer-aided design.  | **Food and Nutrition****Healthy Varied Diet**Adapting a recipe to make healthy choices – Spaghetti Bolognese. |
| Year 5 |
| **Food and Nutrition****Adapting a Recipe**Designing a biscuit within a given theme - Christmas | **Textiles****Monsters/Aliens**Designing and making a monster character using the blanket stitch. | **Mechanisms****Making a Pneumatic Toy**Designing a toy which uses a pneumaticSystem(**History Link – Inventions**) |
| Year 6 |
| **Structures****Frame Structures**Designing a bird hide for a local wildlife area.(**Geography Link – Human Features**) |  | **Electrical Systems****Micro Pet**Create a design for an electronic virtual pet using Micro:bits. |

