**Design and Technology**

Long Term Plan based on Projects on a Page

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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| EYFS | ELG - Expressive Arts and Design | | | | | |
| Year 1 |  | Mechanisms  Sliding/  Levers |  | Structures  Free-Standing  Structures |  | Food  Preparing  Fruit and Veg |
| Year 2 | Mechanisms  Wheels and Axles |  | Textiles  Templates and Joining Techniques |  | Food  Preparing  Fruit and Veg  (smoothie) |  |
| Year 3 | Mechanisms  Levers and Linkages |  | Structures  Simple Shell Structures |  | Food  Healthy and Varied diet  (Sandwiches) |  |
| Year 4 | Electronics  Circuits and switches |  | Textiles  2d to 3d Product  (pencil cases) |  |  | Mechanisms  Pneumatics |
| Year 5 |  | Mechanisms  Cam Toys |  | Food  Seasons and Culture  (Bread) |  | Structures  Bridges |
| Year 6 |  | Mechanisms  Electronics  Gears and Pulleys |  |  | Textiles  Combining Different Fabric Shapes | Lego  Coding and using sensors |