**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 |  | MechanismsSliding/Levers |  | StructuresFree-StandingStructures |  | FoodPreparingFruit and Veg |
| Year 2 | MechanismsWheels and Axles |  | TextilesTemplates and Joining Techniques |  | FoodPreparingFruit and Veg(smoothie) |  |
| Year 3 | MechanismsLevers and Linkages |  | StructuresSimple Shell Structures |  | FoodHealthy and Varied diet(Sandwiches) |  |
| Year 4 | ElectronicsCircuits and switches |  | Textiles2d to 3d Product(pencil cases) |  |  | MechanismsPneumatics |
| Year 5 |  | MechanismsCam Toys |  | FoodSeasons and Culture(Bread) |  | StructuresBridges |
| Year 6 |  | Mechanisms ElectronicsGears and Pulleys |  |  | TextilesCombining Different Fabric Shapes | LegoCoding and using sensors |