



Design & Technology Long Term Overview



Class 1-Two Year Cycle (Reception and Year 1)

| Autumn A | Spring A | Summer A | Autumn B | Spring B | Summer B |
|--|--|--|--|---|---|
| Structures Freestanding structures <i>(Furniture for The Three Bears)</i> | Textiles Templates and joining Techniques <i>(Jungle Animal Puppet)</i> | Mechanisms Sliders & Levers <i>(Moving Pictures-The Gruffalo)</i> | Mechanisms Wheels & Axles <i>(Moon Buggies)</i> | Cooking & Nutrition Preparing Fruit and Vegetables (Including cooking and Nutrition requirements for KS1) <i>(Fruit/Veg Salads or Smoothies)</i> | Structures Freestanding structures <i>(Lighthouses/Beach Huts)</i> |

Class 2-Three Year Cycle (Year 2, Year 3, Year 4)

| Autumn A | Spring A | Summer A | Autumn B | Spring B | Summer B |
|--|---|--|---|---|--|
| Mechanisms Levers & Linkages <i>(Moving History book)</i> | Cooking & Nutrition Healthy & Varied Diet <i>(Sandwiches, Wraps, Toasties)</i> | Structures Shell Structures <i>(Packaging for Egyptian treasures)</i> | Textiles 2D Shape to 3D Product <i>(Beach bag)</i> | Cooking & Nutrition Healthy & Varied Diet (including cooking & nutrition requirements for KS1 & 2) <i>(Sea Food-Fish Dish)</i> | Mechanisms Pneumatics <i>(Mighty Mascots)</i> |

Class 3-Two Year Cycle (Year 4, Year 5, Year 6)

| Autumn A | Spring A | Summer A | Autumn B | Spring B | Summer B |
|---|--|---|---|--|---|
| Mechanisms Cams <i>(Toy)</i> | Textiles Combining Different Fabric Shapes <i>(Mobile phone case/hat)</i> | Structures Frame Structures <i>(Bird Hide)</i> | Electrical Systems Monitoring & Control <i>(Light-up object)</i> | Mechanisms Pulleys or Gears <i>(Controllable vehicle with gears or pulleys)</i> | Cooking & Nutrition Celebrating Culture and Seasonality <i>(Food for Festivals/Celebrations)</i> |

