



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
<p>Structures</p> <p>Freestanding structures</p> <p><i>(Furniture for The Three Bears)</i></p>	<p>Mechanisms</p> <p>Sliders & Levers</p> <p><i>(Moving Pictures-Storybook scene)</i></p>	<p>Textiles</p> <p>Templates and joining Techniques</p> <p><i>(Jungle Animal Puppet)</i></p>	<p>Mechanisms</p> <p>Wheels & Axles</p> <p><i>(Vehicles-link to Geog-Hot and Cold Places)</i></p>	<p>Cooking & Nutrition</p> <p>Preparing Fruit and Vegetables (Including cooking and Nutrition requirements for KS1)</p> <p><i>(Fruit/Veg Salads or Smoothies)</i></p>	<p>Structures</p> <p>Freestanding structures</p> <p><i>(Lighthouses/Beach Huts)</i></p>

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

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

Alternative Cycle

Autumn Alternative	Spring Alternative	Summer Alternative
<p>Levers & Linkages</p> <p><i>(Moving book/picture-different theme)</i></p>	<p>Cooking & Nutrition</p> <p>Healthy & Varied Diet</p> <p><i>(Soups)</i></p>	<p>Structures</p> <p>Shell Structures</p> <p><i>(Computer Aided Design-chosen theme)</i></p>

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

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

Alternative Cycle

Autumn Alternative	Spring Alternative	Summer Alternative
Mechanisms	Combining Different Fabric Shapes	Structures
Cams <i>(Alternative Toy)</i>	<i>(purse/bag/tool belt)</i>	Frame Structures <i>(Computer Aided)</i>