

Design and Technology Curriculum Overview

	Autumn Term	Spring Term	Summer Term
Year 1	<p>Structures - Freestanding Structures</p> <p>Design, make and evaluate Playground Equipment for the Local Park</p> <p>Concept: Structures</p>	<p>Mechanisms – Sliders and Levers</p> <p>Design, make and evaluate a Moving Picture Book for the Library</p> <p>Concept: Mechanisms</p>	<p>Textiles – Templates and Joining Techniques</p> <p>Design, make and evaluate a Glove Puppet for the Bright Beginners</p> <p>Concept: Textiles</p>
Year 2	<p>Textiles - Templates and Joining Techniques</p> <p>Design, make and evaluate bunting for Decoration on Sports Day</p> <p>Concept: Textiles</p>	<p>Food – Preparing Fruit and Vegetables</p> <p>Design, make and evaluate Healthy Dips and Dippers for Chartwell's</p> <p>Concept: Healthy and Varied Diet</p>	<p>Mechanisms – Wheels and Axles</p> <p>Design, make and evaluate a Moving Vehicle for the Early Explorers</p> <p>Concept: Mechanisms</p>
Year 3	<p>Mechanical Systems – Pneumatics</p> <p>Design, make and evaluate a Moving Toy for Reception</p> <p>Concept: Mechanisms</p>	<p>Structures – Shell Structures</p> <p>Design, make and evaluate a Sustainable Lunchbox for Smiggle</p> <p>Concept: Structures</p>	<p>Textiles – 2D shape to 3D Product</p> <p>Design, make and evaluate a Reading Cushion for the Library</p> <p>Concept: Textiles</p>
Year 4	<p>Textiles - 2D shape to 3D Product</p> <p>Design, make and evaluate a Messenger Bag for a Middle School Aged Child</p> <p>Concept: Textiles</p>	<p>Electrical Systems – Simple circuits, switches, programming and control</p> <p>Design, make and evaluate an Head Lamp for and Archaeologist</p> <p>Concept: Electrical Systems</p>	<p>Food – Healthy and Varied Diet</p> <p>Adapt, make and evaluate a Bread Recipe for Warburtons (Support for transition to Walton)</p> <p>Concept: Healthy and Varied Diet</p>

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Connecting
Concepts

Design: Function, Inspiration, Innovation, Adaptation
Health and Safety
Practical Knowledge
Technical Knowledge

Food Hygiene
Nutrition and Healthy Eating
Cooking Techniques
Food Source and Group