

Whole School DT Overview

D&T Key Concepts

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Art and DT provided through a blend of adult-led teaching and provision activities linked to Understanding the World and Expressive Arts and Design					
Foundation	<p><b>All About Me</b></p> <p>Picture frame Making</p>	<p><b>Light and Dark</b></p> <p>Junk model rocket Making</p>	<p><b>Traditional Tales</b></p> <p>Billy goats bridge Making Porridge Gingerbread men Cooking and Nutrition</p>	<p><b>Animals</b></p> <p>Moving parts dinosaur Making Technical knowledge Pancakes Cooking and nutrition</p>	<p><b>Growing/Minibeasts/ Planting</b></p> <p>Minibeast puppets Making Working with wood Technical knowledge</p>	<p><b>Under the Sea</b></p> <p>Floating structures Designing Making</p>
Year 1	<p><b>Structures - Freestanding Structures</b></p> <p>Seaside furniture (Geography – Seaside) Technical Knowledge</p>	<p><b>Mechanisms - Sliders and Levers</b></p> <p>Holiday cards Designing</p>	<p><b>Food - Preparing Fruit and Vegetables</b></p> <p>Fruit salad (Science - Body/Senses) Cooking and Nutrition Evaluating</p>			
Year 2	<p><b>Food - Preparing Fruit and Vegetables</b></p> <p>(Geography - What does it matter where our food comes from?) Cooking and Nutrition Evaluating Vegetable pitta pocket</p>			<p><b>Mechanisms - Wheels and Axles</b></p> <p>Emergency vehicle or coal shuttle/trolley (History - Miners' Strike) Designing Making</p>	<p><b>Textiles - Templates and Joining Techniques</b></p> <p>Hand Puppets Making</p>	
Year 3		<p><b>Food -Healthy and Varied Diet</b></p> <p>Designing Cooking and Nutrition Vegetarian samosa</p>		<p><b>Mechanical Systems - Levers and Linkages</b></p> <p>Moving picture or toy (Geography) Designing Technical knowledge</p>		<p><b>Shell Structures - Shell Structures</b></p> <p>Use of CAD Gift box or picture frame Technical knowledge Making</p>
Year 4		<p><b>Textiles - 2D Shape to 3D Product</b></p> <p>Purse Designing Making</p>		<p><b>Electrical Systems - Simple Circuits and Switches (unit to change in 2026)</b></p> <p>Technical knowledge Making</p>		<p><b>Food - Healthy and Varied Diet</b></p> <p>Cooking and Nutrition Designing Vegetarian sushi</p>
Year 5		<p><b>Structures - Frame Structures</b></p> <p>Technical knowledge Designing</p>	<p><b>Food - Culture and Seasonality</b></p> <p>Cooking and Nutrition Designing Stuffed peppers</p>			<p><b>Mechanical Systems - Pulleys or Gears</b></p> <p>Technical knowledge Making</p>
Year 6		<p><b>Textiles - Combining Different Fabric Shapes</b></p> <p>Fabric Stationary Holder Evaluating Making</p>		<p><b>Electrical Systems - Programming, Monitoring and Control</b></p> <p>Use of Crumble Technical knowledge Making</p>	<p><b>Food - Culture and Seasonality</b></p> <p>Cooking and Nutrition Designing bread</p>	