

## DT Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Adding different textures to forms  Links to UW: Senses  Geography - Our Classroom	Creating warm habitats for woodland animals  Cooking – pumpkin cakes Christmas Cookies	Using wheels to build various forms of transport.  Junk modelling of transport used in emergency services (links to people & communities)	Structures – links to traditional tales e.g. Three Little Pig Houses  Cooking – Gingerbread people	Design and make a healthy meal (lunchbox or fruit kebab)  Links to PSED: Understanding how to stay healthy	Design and decorate an environmentally friendly tote bag.  Links to UW: The Natural World, sea creatures
Year 1	<u>Structures – Free Standing Structures</u>  <u>Geography – school grounds</u>			<u>Mechanisms – Sliders and Levers</u>  <u>History - Toys</u>		<u>Food – Preparing fruits and vegetables</u>  <u>English - Recipes</u>
Prior Learning	<ul style="list-style-type: none"> <li>Experience of using construction kits to build walls, towers and frameworks.</li> <li>Experience of using of basic tools e.g. scissors or hole punches with construction materials e.g. plastic, card.</li> <li>Experience of different methods of joining card and paper.</li> </ul>			<ul style="list-style-type: none"> <li>Early experiences of working with paper and card to make simple flaps and hinges.</li> <li>Experience of simple cutting, shaping and joining skills using scissors, glue, paper fasteners and masking tape.</li> </ul>		<ul style="list-style-type: none"> <li>Experience of common fruit and vegetables.</li> <li>undertaking sensory activities i.e. appearance taste and smell.</li> </ul>
Year 2		<u>Mechanisms – Wheels and Axels</u>  <u>History – Fire of London</u>		<u>Textiles – Templates and Joining</u>  <u>English – jungle animal</u>	<u>Food – Preparing fruit and vegetables</u>  <u>Geography - Trinidad</u>	

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Prior Learning/future learning		<ul style="list-style-type: none"> <li>Early experiences of working with paper and card to make simple flaps and hinges.</li> <li>Experience of simple cutting, shaping and joining skills using scissors, glue, paper fasteners and masking tape.</li> </ul>		<ul style="list-style-type: none"> <li>Explored and used different fabrics.</li> <li>Cut and joined fabrics with simple techniques.</li> <li>Thought about the user and purpose of products</li> </ul>	<ul style="list-style-type: none"> <li>Experience of common fruit and vegetables, undertaking sensory activities i.e. appearance taste and smell.</li> <li>Experience of cutting soft fruit and vegetables using appropriate utensils.</li> </ul>	
Year 3	<u>Structures – shell structures</u>  <u>History - Egypt</u>		<u>Food – Healthy Varied Diet</u>  <u>PSHE/Science?</u>	<u>OR Food – Healthy Varied Diet</u>		<u>Mechanisms – Levers and Linkages</u>  <u>Geography - Lifeboat</u>
Prior Learning/Future learning	<ul style="list-style-type: none"> <li>Experience of using different joining, cutting and finishing techniques with paper and card.</li> <li>A basic understanding of 2-D and 3-D shapes in mathematics and the physical properties and everyday uses of materials in science.</li> </ul>		<ul style="list-style-type: none"> <li>Know some ways to prepare ingredients safely and hygienically.</li> <li>Have some basic knowledge and understanding about healthy eating and <i>The eatwell plate</i>.</li> <li>Have used some equipment and utensils and prepared and combined ingredients to make a product.</li> </ul>			<ul style="list-style-type: none"> <li>Explored and used mechanisms such as flaps, sliders and levers.</li> <li>Gained experience of basic cutting, joining and finishing techniques with paper and card.</li> </ul>

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Year 4	<u>Food – Healthy and varied diet</u>  <u>Geography - Italy</u>		<u>Textiles – 2D shape to 3D product</u>  <u>History -Romans</u>	<u>OR Textiles – 2D shape to 3D product</u>		<u>Mechanisms – Pneumatics</u>  <u>English ?</u>
Prior Learning/Future learning	<ul style="list-style-type: none"> <li>Know some ways to prepare ingredients safely and hygienically.</li> <li>Have some basic knowledge and understanding about healthy eating and <i>The eatwell plate</i>.</li> <li>Have used some equipment and utensils and prepared and combined ingredients to make a product.</li> </ul>		<ul style="list-style-type: none"> <li>Have joined fabric in simple ways by gluing and stitching.</li> <li>Have used simple patterns and templates for marking out.</li> <li>Have evaluated a range of textile products.</li> </ul>			<ul style="list-style-type: none"> <li>Explored simple mechanisms, such as sliders and levers, and simple structures.</li> <li>Learnt how materials can be joined to allow movement.</li> <li>Joined and combined materials using simple tools and techniques.</li> </ul>
Year 5	<u>Food – Celebrating Culture OR</u>  <u>Geography -America</u>	<u>Food – Celebrating Culture</u>	<u>Structures – frame structures</u>  <u>Geography – Water cycle/Rivers</u>	<u>OR Structures – frame structures</u>	<u>Mechanical Systems – Pulley and Gears</u>  <u>History – Ancient Greece</u>	<u>OR Mechanical Systems – Pulley and Gears</u>
Prior learning/future learning	<ul style="list-style-type: none"> <li>Have knowledge and</li> </ul>		<ul style="list-style-type: none"> <li>Experience of using measuring, marking</li> </ul>		<ul style="list-style-type: none"> <li>Experience of axles, axle holders and</li> </ul>	

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	<p>understanding about food hygiene, nutrition, healthy eating and a varied diet.</p> <ul style="list-style-type: none"> <li>• Be able to use appropriate equipment and utensils, and apply a range of techniques for measuring out, preparing and combining ingredients.</li> <li>• Food from Trinidad - Y2</li> </ul>		<p>out, cutting, joining, shaping and finishing techniques with construction materials.</p> <ul style="list-style-type: none"> <li>• Basic understanding of what structures are and how they can be made stronger, stiffer and more stable.</li> <li>• Lifeboat - Y3</li> </ul>		<p>wheels that are fixed or free moving.</p> <ul style="list-style-type: none"> <li>• Basic understanding of electrical circuits, simple switches and components.</li> <li>• Experience of cutting and joining techniques with a range of materials including card, plastic and wood.</li> <li>• An understanding of how to strengthen and stiffen structures.</li> </ul>	
<b>Year 6</b>	<p><u>Textiles – combining different fabrics</u></p> <p><u>History - Victorians</u></p>				<p><u>Food – Celebrating Culture</u> <u>OR</u></p> <p><u>Geography - Europe</u></p>	<p><u>Mechanical systems – Cams</u></p> <p><u>English – Hansel and Gretel</u></p>
<b>Prior learning</b>	<ul style="list-style-type: none"> <li>• Experience of basic stitching, joining textiles and finishing techniques.</li> <li>• Experience of making and using</li> </ul>				<ul style="list-style-type: none"> <li>• Have knowledge and understanding about food hygiene, nutrition, healthy eating and a varied diet.</li> <li>• Be able to use appropriate</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of axles, axle holders and wheels that are fixed or free moving.</li> <li>• Basic understanding of different types of movement.</li> </ul>

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	<p>simple pattern pieces.</p> <ul style="list-style-type: none"><li>• Italian food – Year 4</li><li>• Romans – Year 4</li></ul>				<p>equipment and utensils, and apply a range of techniques for measuring out, preparing and combining ingredients.</p>	<ul style="list-style-type: none"><li>• Experience of cutting and joining techniques with a range of materials including card, plastic and wood.</li><li>• An understanding of how to strengthen and stiffen structures.<ul style="list-style-type: none"><li>• Toys – Y1</li></ul></li></ul>
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