

DT Curriculum 2023-24

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

DT Curriculum 2023-24

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

DT Curriculum 2023-24

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"> Know some ways to prepare ingredients safely and hygienically. Have some basic knowledge and understanding about healthy eating and <i>The eatwell plate</i>. Have used some equipment and utensils and prepared and combined ingredients to make a product. 		<ul style="list-style-type: none"> Have joined fabric in simple ways by gluing and stitching. Have used simple patterns and templates for marking out. Have evaluated a range of textile products. 			<ul style="list-style-type: none"> Explored simple mechanisms, such as sliders and levers, and simple structures. Learnt how materials can be joined to allow movement. Joined and combined materials using simple tools and techniques.
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"> Have knowledge and 		<ul style="list-style-type: none"> Experience of using measuring, marking 		<ul style="list-style-type: none"> Experience of axles, axle holders and 	

DT Curriculum 2023-24

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

DT Curriculum 2023-24

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