



DT Subject Overview for Autumn 1

Subject: DT	Reception	Year One	Year Two	Year Three	Year Four	Year Five	Year Six	
<p style="text-align: center;">Development Matters/ National Curriculum</p>	<p><u>Development Matters (40/60 Months)</u> <u>EMM Objectives</u></p> <ul style="list-style-type: none"> Constructs with a purpose in mind, using a variety of resources. Uses simple tools and techniques competently & appropriately. Selects appropriate resources & adapts work where necessary. Selects tools and techniques needed to shape, assemble & join materials. <p><u>BI Objectives</u></p> <ul style="list-style-type: none"> Creates simple representations of events, people and objects. Chooses particular colours for a purpose. 	<p><u>National Curriculum KS1</u> Design</p> <ul style="list-style-type: none"> design purposeful, functional, appealing products for themselves and other users based on design criteria generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <p>Make</p> <ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <p>Evaluate</p> <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria <p>Technical knowledge</p> <ul style="list-style-type: none"> build structures, exploring how they can be made stronger, stiffer and more stable explore and use mechanisms [for example, levers, sliders, wheels and axles] in their products 		<p><u>National Curriculum KS2</u> Design</p> <ul style="list-style-type: none"> use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none"> select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <p>Evaluate</p> <ul style="list-style-type: none"> investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria and consider the views of others to improve their work understand how key events and individuals in design and technology have helped shape the world <p>Technical knowledge</p> <ul style="list-style-type: none"> apply their understanding of how to strengthen, stiffen and reinforce more complex structures understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] apply their understanding of computing to program, monitor and control their products 				
	<p style="text-align: center;"><u>Topic:</u></p> <p style="text-align: center;">What a Wonderful World!</p>	<p>Making Blackberry and apple crumble</p>	<p>Headdresses - beads</p> <p>Drums</p>				<p>Fruit smoothie - Brazilian</p>	<p>Wartime food</p>



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	<p style="text-align: center;">Topic:</p> <p style="text-align: center;">What a Wonderful World!</p>	Pop Up cards!			Mediterranean Food - Be a Baker	Making Pizza	Sarcophagi - clay	



DT Subject Overview for Spring 1

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	<p style="text-align: center;"><u>Topic:</u></p> <p style="text-align: center;">A Journey through Time</p>		<p>Design and make houses</p>			<p>Fabrics and Sewing (Roman Purses)</p>	<p>Jewellery</p>	



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	<p style="text-align: center;">Topic:</p> <p style="text-align: center;">A Journey Through Time</p>		<p>Design a firefighters uniform</p>	<p>Carriage Building</p>	<p>Easter Box</p>			



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	<p style="text-align: center;">Topic:</p> <p style="text-align: center;">Staying Alive</p>	<p>Make trains from junk modelling</p>	<p>Diorama</p>	<p>Healthy picnic project</p>		<p>Making flavoured/spiced chocolate</p>	<p>Making catapults</p>	



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	<p style="text-align: center;">Topic: Staying Alive</p>	<p>Cooking Pizza Making</p>			Shadow Puppets		