

DESIGN TECHNOLOGY CURRICULUM OVERVIEW

Term	Autumn	Spring	Summer
Foundation Stage <i>Aspiration Health and Well being Diversity</i>	<p>Experiments to create different textures. Understand that different media can be combined to create new effects. Manipulate materials to achieve a planned effect. Construct with a purpose in mind, using a variety of resources. Use simple tools and techniques competently and appropriately. Select appropriate resources and adapts work where necessary. Select tools and techniques needed to shape, assemble and join materials.</p> <p>Early Learning Goal: children safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p> <p>Create simple representations of events, people and objects. Choose particular colours to use for a purpose.</p> <p>Early Learning Goal: children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories.</p>		
Year 1 <i>Aspiration Health and Well being Diversity</i>		<p>Mechanisms: Perfect Pulleys</p> <p>Product: Christmas Card with a sliding mechanism</p>	<p>Construction: Joining and strengthening materials</p> <p>Product Traditional House from the Great Fire of London</p>
Year 2 <i>Aspiration Health and Well being Diversity</i>	<p>Cooking and Nutrition: Prep, measure, weigh and assemble ingredients</p> <p>Product Healthy Fruit Snack</p>	<p>Textiles: Shape, join and decorate a range of textiles</p> <p>Product Christmas decoration</p>	<p>Textiles: Shape, join and decorate a range of textiles</p> <p>Product Animal Puppets</p>
Year 3 <i>Aspiration Health and Well being Diversity</i>		<p>Construction: Joining and strengthening materials</p> <p>Product Stone Age Tools / Weapons</p>	<p>Construction: Joining and strengthening materials</p> <p>Product A mod-rock/papier mache volcano</p>
Year 4 <i>Aspiration Health and Well being Diversity</i>		<p>Electronics: Create series and parallel circuits</p> <p>Product Christmas Decoration</p>	<p>Cooking and Nutrition: Prep, measure, weigh and assemble ingredients</p> <p>Product Fruit Cocktails</p>
Year 5 <i>Aspiration Health and Well being Diversity</i>	<p>Digital Media linked to DT Write code to control or monitor products</p>	<p>Structures: Develop a range of practical skills to create products</p> <p>Product Greek Amphitheatre</p>	<p>Mechanisms: Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product</p> <p>Product Fishing Rod with Cog and Pulley</p>
			<p>Cooking and Nutrition: Refine the skills needed to store and prepare food products</p> <p>Product Tudor Pies / Tarts</p>

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<p>Year 6 <i>Aspiration</i> <i>Health and Well being</i> <i>Diversity</i></p>			<p>Cooking and Nutrition: Refine the skills needed to store and prepare food products</p> <p>Product Chocolate Packaging</p>		<p>Construction: Develop a range of practical skills to create products</p> <p>Product Tudor Houses</p>	