


Design Technology Medium Term Planning  
Year: 6

Term	Main DT Theme	Sub Questions / Key Knowledge	Subject Specific Vocabulary	Linked Visits in / Visits out	Assessment will be based on a formative approach of children being able to answer the key questions using the knowledge acquired over the half term through a quiz-based approach.
<b>Autumn Term-</b> 	<b>Structure: Playgrounds</b>	<p>How can you make a structure stronger?            What is a prototype?            What is jelutong?            What are the material properties of softwood (pine)?            What does a plan view look like?            What does to modify mean?            What are the health and safety rules for woodwork tools?            Can you name some wood work tools?</p> <ul style="list-style-type: none"> <li>• To know that structures can be strengthened by manipulating materials and shapes</li> </ul> <p><b>Additional</b></p> <ul style="list-style-type: none"> <li>• To understand what a 'footprint plan' is</li> <li>• To understand that in the real world, design, can impact users in positive and negative ways</li> <li>• To know that a prototype is a cheap model to test a design idea</li> </ul>	<ul style="list-style-type: none"> <li>• Adapt</li> <li>• Apparatus</li> <li>• Bench hook</li> <li>• Cladding</li> <li>• Coping saw</li> <li>• Design</li> <li>• Dowel</li> <li>• Evaluation</li> <li>• Feedback</li> <li>• Idea</li> <li>• Jelutong</li> <li>• Landscape</li> <li>• Mark out</li> <li>• Measure</li> <li>• Modify</li> <li>• Natural materials</li> <li>• Plan view</li> <li>• Playground</li> <li>• Prototype</li> <li>• Reinforce</li> <li>• Sketch</li> <li>• Strong</li> <li>• Structure</li> <li>• Tenon saw</li> <li>• Texture</li> <li>• User</li> <li>• Vice</li> <li>• Weak</li> </ul>		
<b>Spring Term-</b>	<b>Food: Come dine with me</b>	<p>What is cross-contamination?            When does cross contamination occur?</p>	<p>Vocabulary:</p> <ul style="list-style-type: none"> <li>• Accompaniment</li> </ul>		

Design Technology Medium Term Planning

Year: 6

<p>The five different food groups are:          1. Carbohydrates          2. Fruits and vegetables          3. Protein          4. Dairy          5. Foods high in fat and sugar</p>		<p>What do we mean by flavour?              What does the word 'reared' mean in farming?              In a recipe, what is the method?              What is a national dish?              What is a processed food?              Why do fruits and vegetables need to be washed?              What do you need to remember when slicing fruit and vegetables?              What is a healthy diet?</p> <ul style="list-style-type: none"> <li>• To know that 'flavour' is how a food or drink tastes</li> <li>• To know that many countries have 'national dishes' which are recipes associated with that country</li> <li>• To know that 'processed food' means food that has been put through multiple changes in a factory</li> <li>• To understand that it is important to wash fruit and vegetables before eating to remove any dirt and insecticides</li> <li>• To understand what happens to a certain food before it appears on the supermarket shelf (Farm to Fork)</li> </ul>	<ul style="list-style-type: none"> <li>• Collaboration</li> <li>• Cookbook</li> <li>• Cross-contamination</li> <li>• Equipment</li> <li>• Farm</li> <li>• Flavour</li> <li>• Illustration</li> <li>• Imperative-verb</li> <li>• Ingredients</li> <li>• Method</li> <li>• Nationality</li> <li>• Preparation</li> <li>• Processed</li> <li>• Reared</li> <li>• Recipe</li> <li>• Research</li> <li>• Storyboard</li> <li>• Target audience</li> <li>• Top tips</li> <li>• Unit of measurement</li> </ul>		
<p>Summer Term-</p>	<p>Textiles: Cushions (Art link)</p>	<p>What do we mean by an objects form?              What is fabric?              What is a template?              What are the properties of fabric?              What do we call a material that does not allow water to pass through it?              What do you need to be when measuring?              What do we mean by a target audience?              What do we mean by target client or customer?              What do we call the join where 2 pieces of fabric connect?</p> <ul style="list-style-type: none"> <li>• To know that using a template helps to accurately mark out a design on fabric</li> </ul>	<ul style="list-style-type: none"> <li>• Adapt</li> <li>• Accurate</li> <li>• Annotate</li> <li>• Design</li> <li>• Design criteria</li> <li>• Detail</li> <li>• Fabric</li> <li>• Fastening</li> <li>• Knot</li> <li>• Properties</li> <li>• Running-stitch</li> <li>• Seam</li> </ul>		

Design Technology Medium Term Planning  
Year: 6

		<ul style="list-style-type: none"><li>• To understand the importance of consistently sized stitches</li><li>• To know how to join 2 pieces of fabric to create a cushion</li></ul>	<ul style="list-style-type: none"><li>• Sew</li><li>• Shape</li><li>• Target audience</li><li>• Target customer</li><li>• Template</li><li>• Thread</li><li>• Unique</li><li>• Waistcoat</li><li>• Waterproof</li></ul>		
--	--	--	---	--	--