




Design Technology Medium Term Planning
Year: 1

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.
Autumn Term- 	Textiles: Puppets	<p>What do we mean by joining technique? What are safety pins? Can you find the stapler and staples? Can you find the glue? Which method of joining fabric needs drying time? Why do we need to be careful when pinning and stapling? What is a template? Which words would you use to describe fabric? Why do you need to draw a design idea first? Which joining technique would be best to use for a pouch to hold marbles?</p> <ul style="list-style-type: none"> • To know that 'joining technique' means connecting two pieces of material together • To know that there are various temporary methods of joining fabric by using staples, glue or pins • To understand that different techniques for joining materials can be used for different purposes • To understand that a template (or fabric pattern) is used to cut out the same shape multiple times • To know that drawing a design idea is useful to see how an idea will look 	<ul style="list-style-type: none"> • Decorate • Design • Fabric • Glue • Model • Hand puppet • Safety pin • Staple • Stencil • Template 		
Spring Term-	Food: Fruit and Vegetables	<p>Which foods are vegetables? Which food is a fruit? What is a blender? How do we identify a fruit? Where do tomatoes grow?</p>	<ul style="list-style-type: none"> • Blender • Carton • Fruit • Healthy • Ingredients 		

Design Technology Medium Term Planning

Year: 1

		<p>Where do potatoes grow? What part of the spinach plant do we eat? Which part of the cucumber plant do we eat? Why is a carrot a vegetable? How do you make a banana smoothie?</p> <ul style="list-style-type: none"> • Understanding the difference between fruits and vegetables • To understand that some foods typically known as vegetables are actually fruits (e.g. cucumber) • To know that a blender is a machine which mixes ingredients together into a smooth liquid • To know that a fruit has seeds and a vegetable does not • To know that fruits grow on trees or vines • To know that vegetables can grow either above or below ground • To know that vegetables can come from different parts of the plant (e.g. roots: potatoes, leaves: lettuce, fruit: cucumber) 	<ul style="list-style-type: none"> ● Peel ● Peeler ● Recipe ● Slice ● Smoothie ● Stencil ● Template ● Vegetable 		
<p>Summer Term-</p> 	<p>Mechanisms: Making a moving storybook</p>	<p>What is design criteria? Why is important to plan a design before making it? What is a mechanism? What does a slider mechanism do? What are the main parts of a slider mechanism? What are the different ways things can move? What does the slider mechanism in your storybook do?</p> <ul style="list-style-type: none"> • To know that a mechanism is the parts of an object that move together • To know that a slider mechanism moves an object 	<ul style="list-style-type: none"> ● Assemble ● Design ● Evaluation ● Mechanism ● Model ● Sliders ● Stencil ● Target audience ● Template ● Test 		

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Year: 1

		<p>from side to side</p> <ul style="list-style-type: none">• To know that a slider mechanism has a slider, slots, guides and an object• To know that bridges and guides are bits of card that purposefully restrict the movement of the slider			
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