



## Hallaton Primary School – Overview for DT – End Points

EYFS	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
<p><b>Structures:</b> Junk modelling Boats</p> <p><b>Textiles:</b> Bookmarks - running stitch and use to join fabrics.</p> <p><b>Cooking &amp; Nutrition:</b> Design a rainbow salad</p>	<p><b>Year A</b> <b>Mechanisms:</b> Moving Story Book Space Moving Picture</p> <p><b>Textiles:</b> Hand Puppets</p> <p><b>Structures:</b> Constructing a Lighthouse</p> <p><b>Cooking and nutrition:</b> Smoothies</p> <p><b>Year B</b> <b>Mechanisms:</b> Wheels and Axles (Vehicle/Fire engine) Fairground Wheel</p> <p><b>Textiles:</b> Mother's Day/Easter present</p> <p><b>Cooking and Nutrition:</b> A Balanced Diet</p>	<p><b>Year A</b> <b>Cooking and Nutrition:</b> Design a Chocolate Bar (Adapting a recipe)</p> <p><b>Textiles:</b> Book sleeve (fastenings)</p> <p><b>Mechanisms:</b> Sling Shot Car</p> <p><b>Year B</b> <b>Mechanisms:</b> Pneumatic Toys</p> <p><b>Structures:</b> Constructing a Pyramid Puzzle Toy</p> <p><b>Textiles:</b> Cushions</p>	<p><b>Year A</b> <b>Structures:</b> Eco House</p> <p><b>Textiles:</b> Christmas decorations</p> <p><b>Cooking and Nutrition:</b> Come Dine with Me (Fairtrade Fortnight)</p> <p><b>Structures:</b> Viking Longships</p> <p><b>Year B</b> <b>Structures:</b> Bridges</p> <p><b>Cooking and Nutrition:</b> Healthy Savoury recipe</p> <p><b>Mechanisms:</b> Pop-Up Book</p>

# Hallaton Primary School – End Points for DT

## Structures

### EYFS

		<u>Junk modelling</u>	<u>Boats</u>
Skills	Design	<ul style="list-style-type: none"> <li>• Making verbal plans and material choices.</li> <li>• Developing a junk model.</li> </ul>	<ul style="list-style-type: none"> <li>• Designing a junk model boat.</li> <li>• Using knowledge from exploration to inform design.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Improving fine motor/scissor skills with a variety of materials.</li> <li>• Joining materials in a variety of ways (temporary and permanent).</li> <li>• Joining different materials together.</li> <li>• Describing their junk model, and how they intend to put it together.</li> </ul>	<ul style="list-style-type: none"> <li>• Making a boat that floats and is waterproof, considering material choices.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>• Giving a verbal evaluation of their own and others' junk models with adult support.</li> <li>• Checking to see if their model matches their plan.</li> <li>• Considering what they would do differently if they were to do it again.</li> <li>• Describing their favourite and least favourite part of their model.</li> </ul>	<ul style="list-style-type: none"> <li>• Making predictions about, and evaluating different materials to see if they are waterproof.</li> <li>• Making predictions about, and evaluating existing boats to see which floats best.</li> <li>• Testing their design and reflecting on what could have been done differently.</li> <li>• Investigating the how the shapes and structure of a boat affect the way it moves.</li> </ul>
Knowledge	Technical	<ul style="list-style-type: none"> <li>• To know there are a range to different materials that can be used to make a model and that they are all slightly different.</li> <li>• Making simple suggestions to fix their junk model.</li> </ul>	<ul style="list-style-type: none"> <li>• To know that 'waterproof' materials are those which do not absorb water.</li> </ul>
	Additional		<ul style="list-style-type: none"> <li>• To know that some objects float and others sink.</li> <li>• To know the different parts of a boat.</li> </ul>

# Structures

Year 1 and 2

Constructing a windmill		
Skills	Design	<ul style="list-style-type: none"><li>• Learning the importance of a clear design criteria.</li><li>• Including individual preferences and requirements in a design.</li></ul>
	Make	<ul style="list-style-type: none"><li>• Making stable structures from card, tape and glue.</li><li>• Learning how to turn 2D nets into 3D structures.</li><li>• Following instructions to cut and assemble the supporting structure of a windmill.</li><li>• Making functioning turbines and axles which are assembled into a main supporting structure.</li></ul>
	Evaluate	
Knowledge	Technical	<ul style="list-style-type: none"><li>• To understand that the shape of materials can be changed to improve the strength and stiffness of structures.</li><li>• To understand that cylinders are a strong type of structure (e.g. the main shape used for windmills and lighthouses).</li><li>• To understand that axles are used in structures and mechanisms to make parts turn in a circle.</li><li>• To begin to understand that different structures are used for different purposes.</li><li>• To know that a structure is something that has been made and put together.</li></ul>
	Additional	<ul style="list-style-type: none"><li>• To know that a client is the person I am designing for.</li><li>• To know that design criteria is a list of points to ensure the product meets the clients needs and wants.</li><li>• To know that a windmill harnesses the power of wind for a purpose like grinding grain, pumping water or generating electricity.</li><li>• To know that windmill turbines use wind to turn and make the machines inside work.</li><li>• To know that a windmill is a structure with sails that are moved by the wind.</li><li>• To know the three main parts of a windmill are the turbine, axle and structure.</li></ul>

# Structures

## Year 3 and 4 (Pyramid Toy structure)

Skills	Design	<p><b>Pavilions</b></p> <ul style="list-style-type: none"> <li>• Designing a stable pavilion structure that is aesthetically pleasing and selecting materials to create a desired effect.</li> <li>• Building frame structures designed to support weight.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Creating a range of different shaped frame structures.</li> <li>• Making a variety of free standing frame structures of different shapes and sizes.</li> <li>• Selecting appropriate materials to build a strong structure and cladding.</li> <li>• Reinforcing corners to strengthen a structure.</li> <li>• Creating a design in accordance with a plan.</li> <li>• Learning to create different textural effects with materials.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>• Evaluating structures made by the class.</li> <li>• Describing what characteristics of a design and construction made it the most effective.</li> <li>• Considering effective and ineffective designs.</li> </ul>
Knowledge	Technical	<ul style="list-style-type: none"> <li>• To understand what a frame structure is.</li> <li>• To know that a 'free-standing' structure is one which can stand on its own.</li> </ul>
	Additional	<ul style="list-style-type: none"> <li>• To know that a pavilion is a decorative building or structure for leisure activities.</li> <li>• To know that cladding can be applied to structures for different effects.</li> <li>• To know that aesthetics are how a product looks.</li> <li>• To know that a product's function means its purpose.</li> <li>• To understand that the target audience means the person or group of people a product is designed for.</li> <li>• To know that architects consider light, shadow and patterns when designing.</li> </ul>

# Structures

## Year 5 and 6

		Bridges
Skills	Design	<ul style="list-style-type: none"><li>• Designing a stable structure that is able to support weight.</li><li>• Creating a frame structure with a focus on triangulation.</li></ul>
	Make	<ul style="list-style-type: none"><li>• Making a range of different shaped beam bridges.</li><li>• Using triangles to create truss bridges that span a given distance and support a load.</li><li>• Building a wooden bridge structure.</li><li>• Independently measuring and marking wood accurately.</li><li>• Selecting appropriate tools and equipment for particular tasks.</li><li>• Using the correct techniques to saw safely.</li><li>• Identifying where a structure needs reinforcement and using card corners for support.</li><li>• Explaining why selecting appropriate materials is an important part of the design process.</li><li>• Understanding basic wood functional properties.</li></ul>
	Evaluate	<ul style="list-style-type: none"><li>• Adapting and improving own bridge structure by identifying points of weakness and reinforcing them as necessary.</li><li>• Suggesting points for improvements for own bridges and those designed by others.</li></ul>
Knowledge	Technical	<ul style="list-style-type: none"><li>• To understand some different ways to reinforce structures.</li><li>• To understand how triangles can be used to reinforce bridges.</li><li>• To know that properties are words that describe the form and function of materials.</li><li>• To understand why material selection is important based on properties.</li><li>• To understand the material (functional and aesthetic) properties of wood.</li></ul>
	Additional	<ul style="list-style-type: none"><li>• To understand the difference between arch, beam, truss and suspension bridges.</li><li>• To understand how to carry and use a saw safely.</li></ul>

# Mechanisms

## Year 1 and 2

		<u>Making a moving storybook</u>	<u>Wheels and axles</u>	<u>Fairground wheel</u>
Skills	Design	<ul style="list-style-type: none"> <li>Explaining how to adapt mechanisms, using bridges or guides to control the movement.</li> <li>Designing a moving story book for a given audience.</li> </ul>	<ul style="list-style-type: none"> <li>Designing a vehicle that includes wheels, axles and axle holders, that when combined, will allow the wheels to move.</li> <li>Creating clearly labelled drawings that illustrate movement.</li> </ul>	<ul style="list-style-type: none"> <li>Creating a class design criteria for a moving monster.</li> <li>Designing a moving monster for a specific audience in accordance with a design criteria.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>Following a design to create moving models that use levers and sliders.</li> </ul>	<ul style="list-style-type: none"> <li>Adapting mechanisms, when:               <ul style="list-style-type: none"> <li>they do not work as they should.</li> <li>to fit their vehicle design.</li> <li>to improve how they work after testing their vehicle.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Making linkages using card for levers and split pins for pivots.</li> <li>Experimenting with linkages adjusting the widths, lengths and thicknesses of card used.</li> <li>Cutting and assembling components neatly.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>Testing a finished product, seeing whether it moves as planned and if not, explaining why and how it can be fixed.</li> <li>Reviewing the success of a product by testing it with its intended audience.</li> </ul>	<ul style="list-style-type: none"> <li>Testing wheel and axle mechanisms, identifying what stops the wheels from turning, and recognising that a wheel needs an axle in order to move.</li> </ul>	<ul style="list-style-type: none"> <li>Evaluating own designs against design criteria.</li> <li>Using peer feedback to modify a final design.</li> </ul>
Knowledge	Technical	<ul style="list-style-type: none"> <li>To know that a mechanism is the parts of an object that move together.</li> <li>To know that a slider mechanism moves an object from side to side.</li> <li>To know that a slider mechanism has a slider, slots, guides and an object.</li> <li>To know that bridges and guides are bits of card that purposefully restrict the movement of the slider.</li> </ul>	<ul style="list-style-type: none"> <li>To know that wheels need to be round to rotate and move.</li> <li>To understand that for a wheel to move it must be attached to a rotating axle.</li> <li>To know that an axle moves within an axle holder which is fixed to the vehicle or toy.</li> <li>To know that the frame of a vehicle (chassis) needs to be balanced.</li> </ul>	<ul style="list-style-type: none"> <li>To know that mechanisms are a collection of moving parts that work together as a machine to produce movement.</li> <li>To know that there is always an input and output in a mechanism.</li> <li>To know that an input is the energy that is used to start something working.</li> <li>To know that an output is the movement that happens as a result of the input.</li> <li>To know that a lever is something that turns on a pivot.</li> <li>To know that a linkage mechanism is made up of a series of levers.</li> </ul>
	Additional	<ul style="list-style-type: none"> <li>To know that in Design and technology we call a plan a 'design'.</li> </ul>	<ul style="list-style-type: none"> <li>To know some real-life items that use wheels such as wheelbarrows, hamster wheels and vehicles.</li> </ul>	<ul style="list-style-type: none"> <li>To know some real-life objects that contain mechanisms.</li> </ul>

# Mechanisms

## Year 3 and 4

		Pneumatic toys	Making a slingshot car
Skills	Design	<ul style="list-style-type: none"> <li>• Designing a toy which uses a pneumatic system.</li> <li>• Developing design criteria from a design brief.</li> <li>• Generating ideas using thumbnail sketches and exploded diagrams.</li> <li>• Learning that different types of drawings are used in design to explain ideas clearly.</li> </ul>	<ul style="list-style-type: none"> <li>• Designing a shape that reduces air resistance.</li> <li>• Drawing a net to create a structure from.</li> <li>• Choosing shapes that increase or decrease speed as a result of air resistance.</li> <li>• Personalising a design.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Creating a pneumatic system to create a desired motion.</li> <li>• Building secure housing for a pneumatic system.</li> <li>• Using syringes and balloons to create different types of pneumatic systems to make a functional and appealing pneumatic toy.</li> <li>• Selecting materials due to their functional and aesthetic characteristics.</li> <li>• Manipulating materials to create different effects by cutting, creasing, folding and weaving.</li> </ul>	<ul style="list-style-type: none"> <li>• Measuring, marking, cutting and assembling with increasing accuracy.</li> <li>• Making a model based on a chosen design.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>• Using the views of others to improve designs.</li> <li>• Testing and modifying the outcome, suggesting improvements.</li> <li>• Understanding the purpose of exploded-diagrams through the eyes of a designer and their client.</li> </ul>	<ul style="list-style-type: none"> <li>• Evaluating the speed of a final product based on: the effect of shape on speed and the accuracy of workmanship on performance.</li> </ul>
Knowledge	Technical	<ul style="list-style-type: none"> <li>• To understand how pneumatic systems work.</li> <li>• To understand that pneumatic systems can be used as part of a mechanism.</li> <li>• To know that pneumatic systems operate by drawing in, releasing and compressing air.</li> </ul>	<ul style="list-style-type: none"> <li>• To know that air resistance is the level of drag on an object as it is forced through the air.</li> <li>• To understand that the shape of a moving object will affect how it moves due to air resistance..</li> </ul>
	Additional	<ul style="list-style-type: none"> <li>• To understand how sketches, drawings and diagrams can be used to communicate design ideas.</li> <li>• To know that exploded-diagrams are used to show how different parts of a product fit together.</li> <li>• To know that thumbnail sketches are small drawings to get ideas down on paper quickly.</li> </ul>	<ul style="list-style-type: none"> <li>• To know that aesthetics means how an object or product looks in design and technology.</li> <li>• To know that a template is a stencil you can use to help you draw the same shape accurately.</li> <li>• To know that a birds-eye view means a view from a high angle (as if a bird in flight).</li> <li>• To know that graphics are images which are designed to explain or advertise something.</li> <li>• To know that it is important to assess and evaluate design ideas and models against a list of design criteria.</li> </ul>



# Mechanisms

Year 5 and 6

		Pop up book
Skills	Design	<ul style="list-style-type: none"> <li>• Designing a pop-up book which uses a mixture of structures and mechanisms.</li> <li>• Naming each mechanism, input and output accurately.</li> <li>• Storyboarding ideas for a book.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Following a design brief to make a pop up book, neatly and with focus on accuracy.</li> <li>• Making mechanisms and/or structures using sliders, pivots and folds to produce movement.</li> <li>• Using layers and spacers to hide the workings of mechanical parts for an aesthetically pleasing result.</li> </ul>
	Evaluate	N/A
Knowledge	Technical	<ul style="list-style-type: none"> <li>• To know that mechanisms control movement.</li> <li>• To understand that mechanisms can be used to change one kind of motion into another.</li> <li>• To understand how to use sliders, pivots and folds to create paper-based mechanisms.</li> </ul>
	Additional	<ul style="list-style-type: none"> <li>• To know that a design brief is a description of what I am going to design and make.</li> <li>• To know that designers often want to hide mechanisms to make a product more aesthetically pleasing.</li> </ul>



# Cooking and Nutrition

EYFS

(Soup is substituted for a Rainbow Salad)

		<u>Soup</u>
Skills	Design	<ul style="list-style-type: none"><li>• Designing a soup recipe as a class.</li><li>• Designing soup packaging.</li></ul>
	Make	<ul style="list-style-type: none"><li>• Chopping plasticine safely.</li><li>• Chopping vegetables with support.</li></ul>
	Evaluate	<ul style="list-style-type: none"><li>• Tasting the soup and giving opinions.</li><li>• Describing some of the following when tasting food: look, feel, smell and taste.</li><li>• Choosing their favourite packaging design and explaining why.</li></ul>
Knowledge		<ul style="list-style-type: none"><li>• To know that soup is ingredients (usually vegetables and liquid) blended together.</li><li>• To know that vegetables are grown.</li><li>• To recognise and name some common vegetables.</li><li>• To know that different vegetables taste different.</li><li>• To know that eating vegetables is good for us.</li><li>• To discuss why different packages might be used for different foods.</li></ul>

# Cooking and Nutrition

Year 1 and 2

		<u>Smoothies</u>	<u>Balanced diet</u>
<b>Skills</b>	Design	<ul style="list-style-type: none"> <li>• Designing smoothie carton packaging by-hand or on ICT software.</li> </ul>	<ul style="list-style-type: none"> <li>• Designing a healthy wrap based on a food combination which works well together.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Chopping fruit and vegetables safely to make a smoothie.</li> <li>• Identifying if a food is a fruit or a vegetable.</li> <li>• Learning where and how fruits and vegetables grow.</li> </ul>	<ul style="list-style-type: none"> <li>• Slicing food safely using the bridge or claw grip.</li> <li>• Constructing a wrap that meets a design brief.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>• Suggesting information to be included on packaging.</li> </ul>	<ul style="list-style-type: none"> <li>• Taste testing food combinations and final products.</li> <li>• Describing the information that should be included on a label.</li> <li>• Evaluating which grip was most effective.</li> </ul>
<b>Knowledge</b>		<ul style="list-style-type: none"> <li>• To know that a blender is a machine which mixes ingredients together into a smooth liquid.</li> <li>• To know that a fruit has seeds.</li> <li>• To know that fruits grow on trees or vines.</li> <li>• To know that vegetables can grow either above or below ground.</li> <li>• To know that vegetables is any edible part of a plant (e.g. roots: potatoes, leaves: lettuce, fruit: cucumber).</li> </ul>	<ul style="list-style-type: none"> <li>• To know that 'diet' means the food and drink that a person or animal usually eats.</li> <li>• To understand what makes a balanced diet.</li> <li>• To know that the five main food groups are: Carbohydrates, fruits and vegetables, protein, dairy and foods high in fat and sugar.</li> <li>• To understand that I should eat a range of different foods from each food group, and roughly how much of each food group.</li> <li>• To know that 'ingredients' means the items in a mixture or recipe.</li> </ul>

## Cooking and Nutrition

Year 3 and 4 (Chocolate Bar instead of biscuit)

		<u>Adapting a recipe</u>
Skills	Design	<ul style="list-style-type: none"><li>• Designing a biscuit within a given budget, drawing upon previous taste testing judgements.</li></ul>
	Make	<ul style="list-style-type: none"><li>• Following a baking recipe, from start to finish, including the preparation of ingredients.</li><li>• Cooking safely, following basic hygiene rules.</li><li>• Adapting a recipe to improve it or change it to meet new criteria (e.g. from savoury to sweet).</li></ul>
	Evaluate	<ul style="list-style-type: none"><li>• Describing the impact of the budget on the selection of ingredients.</li><li>• Evaluating and comparing a range of food products.</li></ul>
Knowledge		<ul style="list-style-type: none"><li>• To know that the amount of an ingredient in a recipe is known as the 'quantity.'</li><li>• To know that safety and hygiene are important when cooking.</li><li>• To know the following cooking techniques: sieving, measuring, stirring, cutting out and shaping.</li><li>• To understand the importance of budgeting while planning ingredients for biscuits.</li><li>• To know that products often have a target audience.</li></ul>

# Cooking and Nutrition

## Year 5 and 6

		<u>Developing a recipe</u>	<u>Come dine with me</u>
<b>Skills</b>	<b>Design</b>	<ul style="list-style-type: none"> <li>• Adapting a traditional recipe, understanding that the nutritional value of a recipe alters if you remove, substitute or add additional ingredients.</li> <li>• Writing an amended method for a recipe to incorporate the relevant changes to ingredients.</li> </ul>	<ul style="list-style-type: none"> <li>• Writing a recipe, explaining the key steps, method and ingredients.</li> <li>• Including facts and drawings from research undertaken.</li> </ul>
	<b>Make</b>	<ul style="list-style-type: none"> <li>• Cutting and preparing vegetables safely.</li> <li>• Using equipment safely, including knives, hot pans and hobs.</li> <li>• Knowing how to avoid cross-contamination.</li> <li>• Following a step by step method carefully to make a recipe.</li> </ul>	<ul style="list-style-type: none"> <li>• Following a recipe, including using the correct quantities of each ingredient.</li> <li>• Adapting a recipe based on research.</li> <li>• Working to a given timescale.</li> <li>• Working safely and hygienically with independence.</li> </ul>
	<b>Evaluate</b>	<ul style="list-style-type: none"> <li>• Identifying the nutritional differences between different products and recipes.</li> <li>• Identifying and describing healthy benefits of food groups.</li> </ul>	<ul style="list-style-type: none"> <li>• Evaluating a recipe, considering: taste, smell, texture and origin of the food group.</li> <li>• Taste testing and scoring final products.</li> <li>• Suggesting and writing up points of improvements when scoring others' dishes, and when evaluating their own throughout the planning, preparation and cooking process.</li> <li>• Evaluating health and safety in production to minimise cross contamination.</li> </ul>
<b>Knowledge</b>		<ul style="list-style-type: none"> <li>• To know that recipes can be adapted to suit nutritional needs and dietary requirements.</li> <li>• To know that I can use a nutritional calculator to see how healthy a food option is.</li> <li>• To understand that 'cross-contamination' means bacteria and germs have been passed onto ready-to-eat foods and it happens when these foods mix with raw meat or unclean objects.</li> <li>• To know that coloured chopping boards can prevent cross-contamination.</li> <li>• To know that nutritional information is found on food packaging.</li> </ul>	<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>

## Textiles

EYFS

		<u>Bookmarks</u>
Skills	Design	<ul style="list-style-type: none"><li>• Discussing what a good design needs.</li><li>• Designing a simple pattern with paper.</li><li>• Designing a bookmark.</li><li>• Choosing from available materials.</li></ul>
	Make	<ul style="list-style-type: none"><li>• Developing fine motor/cutting skills with scissors.</li><li>• Exploring fine motor/threading and weaving (under, over technique) with a variety of materials.</li><li>• Using a prepared needle and wool to practise threading.</li></ul>
	Evaluate	<ul style="list-style-type: none"><li>• Reflecting on a finished product and comparing to their design.</li></ul>
Knowledge		<ul style="list-style-type: none"><li>• To know that a design is a way of planning our idea before we start.</li><li>• To know that threading is putting one material through an object.</li></ul>

# Textiles

## Year 1 and 2

		Puppets	Pouches
Skills	Design	<ul style="list-style-type: none"> <li>Using a template to create a design for a puppet.</li> </ul>	<ul style="list-style-type: none"> <li>Designing a pouch.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>Cutting fabric neatly with scissors.</li> <li>Using joining methods to decorate a puppet.</li> <li>Sequencing steps for construction.</li> </ul>	<ul style="list-style-type: none"> <li>Selecting and cutting fabrics for sewing.</li> <li>Decorating a pouch using fabric glue or running stitch.</li> <li>Threading a needle.</li> <li>Sewing running stitch, with evenly spaced, neat, even stitches to join fabric.</li> <li>Neatly pinning and cutting fabric using a template.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>Reflecting on a finished product, explaining likes and dislikes.</li> </ul>	<ul style="list-style-type: none"> <li>Troubleshooting scenarios posed by teacher.</li> <li>Evaluating the quality of the stitching on others' work.</li> <li>Discussing as a class, the success of their stitching against the success criteria.</li> <li>Identifying aspects of their peers' work that they particularly like and why.</li> </ul>
Knowledge		<ul style="list-style-type: none"> <li>To know that 'joining technique' means connecting two pieces of material together.</li> <li>To know that there are various temporary methods of joining fabric by using staples, glue or pins.</li> <li>To understand that different techniques for joining materials can be used for different purposes.</li> <li>To understand that a template (or fabric pattern) is used to cut out the same shape multiple times.</li> <li>To know that drawing a design idea is useful to see how an idea will look.</li> </ul>	<ul style="list-style-type: none"> <li>To know that sewing is a method of joining fabric.</li> <li>To know that different stitches can be used when sewing.</li> <li>To understand the importance of tying a knot after sewing the final stitch.</li> <li>To know that a thimble can be used to protect my fingers when sewing.</li> </ul>

# Textiles

## Year 3 and 4

		Cross-stitch and appliqué <u>Cushions</u> or <u>Egyptian collars</u>	<u>Fastenings</u>
Skills	Design	<ul style="list-style-type: none"> <li>• Designing and making a template from an existing cushion and applying individual design criteria.</li> </ul>	<ul style="list-style-type: none"> <li>• Writing design criteria for a product, articulating decisions made.</li> <li>• Designing a personalised book sleeve.</li> </ul>
	Make	<ul style="list-style-type: none"> <li>• Following design criteria to create a cushion or Egyptian collar.</li> <li>• Selecting and cutting fabrics with ease using fabric scissors.</li> <li>• Threading needles with greater independence.</li> <li>• Tying knots with greater independence.</li> <li>• Sewing cross stitch to join fabric.</li> <li>• Decorating fabric using appliqué.</li> <li>• Completing design ideas with stuffing and sewing the edges (Cushions) or embellishing the collars based on design ideas (Egyptian collars).</li> </ul>	<ul style="list-style-type: none"> <li>• Making and testing a paper template with accuracy and in keeping with the design criteria.</li> <li>• Measuring, marking and cutting fabric using a paper template.</li> <li>• Selecting a stitch style to join fabric, working neatly by sewing small, straight stitches.</li> <li>• Incorporating fastening to a design.</li> </ul>
	Evaluate	<ul style="list-style-type: none"> <li>• Evaluating an end product and thinking of other ways in which to create similar items.</li> </ul>	<ul style="list-style-type: none"> <li>• Testing and evaluating an end product against the original design criteria.</li> <li>• Deciding how many of the criteria should be met for the product to be considered successful.</li> <li>• Suggesting modifications for improvement.</li> <li>• Articulating the advantages and disadvantages of different fastening types.</li> </ul>
Knowledge		<ul style="list-style-type: none"> <li>• To know that applique is a way of mending or decorating a textile by applying smaller pieces of fabric to larger pieces.</li> <li>• To know that when two edges of fabric have been joined together it is called a seam.</li> <li>• To know that it is important to leave space on the fabric for the seam.</li> <li>• To understand that some products are turned inside out after sewing so the stitching is hidden.</li> </ul>	<ul style="list-style-type: none"> <li>• To know that a fastening is something which holds two pieces of material together for example a zipper, toggle, button, press stud and velcro.</li> <li>• To know that different fastening types are useful for different purposes.</li> <li>• To know that creating a mock up (prototype) of their design is useful for checking ideas and proportions.</li> </ul>