

## Design and Technology Progression

### Concept: Textiles

Skills	YR	Y1	Y2	Y3	Y4	Y5	Y6
Design	<ul style="list-style-type: none"> <li>Verbally explain what they are going to make and how they plan to do this.</li> </ul>	<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>	<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>	<ul style="list-style-type: none"> <li>Designing a stuffed toy considering the main component shapes required and creating an appropriate template</li> <li>Considering the proportions of individual components</li> </ul>	<ul style="list-style-type: none"> <li>Designing a waistcoat in accordance to specification linked to set of design criteria to fit a specific theme</li> <li>Annotating designs</li> </ul>
Make	<ul style="list-style-type: none"> <li>Explore different fabric with their hands</li> <li>Use scissors to cut and trim fabric, yarn and string</li> <li>Spread glue and stick fabric, yarn and wool on to a chosen surface</li> <li>Use fabric creatively with other resources, such as paint or wax crayons</li> <li>Use textiles creatively in various activities</li> </ul>	<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>	<ul style="list-style-type: none"> <li>Following design criteria to create a cushion</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</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 sewing small neat stitches</li> <li>Incorporating fastening to a design</li> </ul>	<ul style="list-style-type: none"> <li>Creating a 3D stuffed toy from a 2D design</li> <li>Measuring, marking and cutting fabric accurately and independently</li> <li>Creating strong and secure blanket stitches when joining fabric</li> <li>Threading needles independently</li> <li>Using applique to attach pieces of fabric decoration</li> <li>Sewing blanket stitch to join fabric</li> <li>Applying blanket stitch so the space between the stitches are even and</li> </ul>	<ul style="list-style-type: none"> <li>Using a template when pinning panels onto fabric</li> <li>Marking and cutting fabric accurately, in accordance with a design</li> <li>Sewing a strong running stitch, making small, neat stitches and following the edge</li> <li>Tying strong knots</li> <li>Decorating a waistcoat -attaching objects using thread and adding a secure fastening</li> <li>Learning different decorative stitches</li> </ul>



## Design and Technology Progression

						regular	<ul style="list-style-type: none"> <li>• Sewing accurately with even regularity of stitches</li> </ul>
Evaluation	<ul style="list-style-type: none"> <li>• See what happens when different types of fabric get wet. Comment on this.</li> <li>• Comment on a finished product and what we like/dislike about it.</li> </ul>	<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>	<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>	<ul style="list-style-type: none"> <li>• Testing and evaluating an end product and giving point for further improvements</li> </ul>	<ul style="list-style-type: none"> <li>• Evaluating work continually as it is created</li> </ul>

Knowledge	YR	Y1	Y2	Y3	Y4	Y5	Y6
Textiles	<ul style="list-style-type: none"> <li>• Explore and experiment with fabrics both indoors and outside</li> <li>• Explore the origins of textiles - for example, wool comes from sheep and cotton from a plant.</li> <li>• Use fabric in imaginative play</li> </ul>	<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> </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> </ul>	<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</li> <li>• To know that when two edges of fabric have been joined together it is called a</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</li> </ul>	<ul style="list-style-type: none"> <li>• To know that blanket stitch is useful to reinforce the edges of a fabric material or join two pieces of fabric</li> <li>• To understand that it is easier to finish simpler designs to a high standard</li> </ul>	<ul style="list-style-type: none"> <li>• To understand that it is important to design clothing with the client/target customer in mind</li> <li>• To know that using a template (or clothing pattern) helps to accurately mark out a design on fabric</li> </ul>



## Design and Technology Progression

	through den-making and tent-making or dressing up in different clothes.	<ul style="list-style-type: none"><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 a thimble can be used to protect my fingers when sewing</li></ul>	seam <ul style="list-style-type: none"><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>	types are useful for different purposes <ul style="list-style-type: none"><li>• To know that creating a mock up (prototype) of their design is useful for checking ideas and proportions</li></ul>	<ul style="list-style-type: none"><li>• To know that soft toys are often made by creating appendages separately and then attaching them to the main body</li><li>• To know that small, neat stitches which are pulled taut are important to ensure that the soft toy is strong and holds the stuffing securely</li></ul>	<ul style="list-style-type: none"><li>• To understand the importance of consistently sized stitches</li></ul>
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