



## Key Stage 3 Design Technology Scheme of Work 2020/21 - Year 7 Textiles – Mrs Rossiter



Year 7	Skills/Outcomes	Theme	Taught Elements	Resources	Cultural Capital British Artists/Designers underlined.
<p><b>Key words used and on display in classrooms, ICT opportunities, Class discussions, Critical analysis, Critiques, Writing frames, Group and individual work, Thinking skills, pupils and designers work on display.</b></p>					
<h3><u>Year 7 Textiles - Doll/Cushion/Door stop – Mrs Rossiter</u></h3>					<ul style="list-style-type: none"> <li>• Paola Colombo. Paola Colombo is an Italian artist from Verona.</li> <li>• Evie Barrow.</li> <li>• Nadya Sheremet.</li> <li>• Russian Doll Designs</li> </ul> <p><a href="https://dollmakersjourney.com/designers.html">https://dollmakersjourney.com/designers.html</a></p> <p><a href="https://clothdollmarket.com/judi-ward/">https://clothdollmarket.com/judi-ward/</a></p> <p><a href="https://redhendesigns.co.nz/">https://redhendesigns.co.nz/</a></p> <p><a href="https://www.thesprucecrafts.com/best-free-doll-patterns-for-sewing-2978494">https://www.thesprucecrafts.com/best-free-doll-patterns-for-sewing-2978494</a></p> <p><a href="https://whilshenaps.com/2014/12/free-pattern-josephine-doll.html">https://whilshenaps.com/2014/12/free-pattern-josephine-doll.html</a></p>
<p><b>Week 1 – Lesson 1</b> Safety awareness in practical room.</p>	<p>Safety awareness in Textiles room and when using equipment.</p>	<p>Safety – PowerPoint and identifying equipment, their use and hazards if not used correctly.</p>	<p>Safety – PowerPoint and identifying equipment, their use and hazards if not used correctly. Class discussion, PowerPoint and worksheets provided. Test and driving license to use sewing machines. (Sewing machine test to be taken at a later date)</p>	<p>Classroom displays PowerPoint shows Worksheets Visual aids</p>	
<p><b>Week 1 – Lesson 2</b> <b>Using Textiles, and Textiles properties</b></p>	<p>Awareness of different fabric types and properties of different fabrics. Knowledge of function and aesthetics and suitability for design.</p> <p><b>Evaluate</b> – Analyse the work of past and present designers and the types of different dolls. Investigate different technologies. Test, evaluate and refine ideas (through fabric samples)</p>	<p>Fabric properties and functionality for purpose.</p>	<p>PowerPoint show identifying different fabrics and tools. Class discussion regarding functionality and aesthetics and identifying which is more important in different design scenarios. (Boardworks resource)</p>	<p>Classroom displays PowerPoint shows Worksheets Visual aids</p>	



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<b>Week 2 – Lesson 3</b>	<b>Evaluate</b> - Annotation of their own doll designs writing frames provided with the use of specialist vocabulary.	<b>Evaluate</b> Annotation/evaluation of designs completed.	Annotation of work – explaining ideas and use of specialist vocabulary such as: Target audience Suitability/Hazards Health and Safety Age appropriate Cotton Polyester Felt Applique Function/Aesthetics	PowerPoint show Writing frame provided 'Pattern' template provided on worksheet.
<b>Week 2 – Lesson 4</b>	<b>Evaluate</b> and analyse the four designs completed and refine and develop their favourite idea. Ask for opinions of peers and staff. Pupils will then modify design (if required) and enlarge to A4. (Half size) Pupils will be provided with a worksheet containing sentence starters/prompts to assist them. Draw on at least three embroidery stitches to use on their chosen design. Add tone and colour. Identify different fabric types and stick down and label swatches.	<b>Evaluation</b> – peer questionnaires to consider the opinion of others. Modify/refine design appropriately.	Evaluating work in line with a design brief. Identifying areas for development and improvement. Identifying cotton/polyester and felt fabric. Identifying suitable hand embroidery stitches to use on their work.	PowerPoint show. Evaluation worksheet prompts. Hand embroidery worksheet/



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<p><b>Week 3 – Lesson 5</b></p>	<p>Pupils will refer to the hand embroidery worksheet provided. Pupils will thread their own tapestry needle and knot it. Pupils will have evidence of at least 5 different hand embroidery stitches completed on their Binca fabric.</p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment precisely. Evidence of different hand embroidery stitches.</p>	<p>Re-cap on different types of needles: Crewel Sharps Tapestry Beading Pins Demonstration on hand embroidery techniques/stitches.</p>	<p>Hand embroidery worksheets. Demonstration of each stitch given in class using visualiser. Needles Threads Binca fabric Paper scissors Pins</p>	
<p><b>Week 3 – Lesson 6</b></p>	<p><b>Technical Knowledge</b> Pupils will identify different types of fabrics and understand how they have been made. Key terms: Manufacture Batch production Production line CAD – Computer Aided Design Modern fibres Smart fibres Man-made fibres Bio-Smart Textiles Wearable computers</p>		<p><b>Technical Knowledge</b> Think about the properties of different materials. Boardworks PowerPoint shows entitled: 'Manufacturing Textiles' and 'Modern Textile Materials'.</p>	<p>Where fabric comes from - worksheets/PowerPoint show. Fabric care labels and properties – complete worksheets.</p>	



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<b>Week 4 – Lesson 7</b>	Pattern Cutting. Explain how designers use dress makers chalk/paper/wooden patterns to ensure the correct shape/size is cut out of fabric.	<b>Make</b> – Pupils will create their own paper ‘pattern’. To draw design out accurately and in proportion.	<b>Design</b> – Draw their design on A3 paper to create their own paper patterns that are proportionally correct.  <b>Make</b> Pin paper pattern templates to appropriate fabrics and begin to ‘cut out’ design using fabric scissors.	Wooden templates (For doll’s body) A3 paper Paper scissors Fabric scissors Pins	
<b>Week 4 – Lesson 8</b>	<b>Make</b> - Select and use specialist techniques, processes, and equipment precisely. (Pattern Cutting) Cut out paper stencils one by one and pin to the doll’s ‘body’. This will take at least 2-3 lessons.		Continue with tasks set Week 4 – Lesson 7	<b>Make</b> - Select and use specialist techniques, processes, and equipment precisely. (Pattern Cutting) Cut out paper stencils one by one and pin to the doll’s ‘body’. This will take at least 2-3 lessons.	



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<b>Week 5 – Lesson 9</b>	Continue with tasks set Lesson 8.	<b>Make</b> – Pupils will create their own paper ‘patterns’ and will pin them to suitable materials identified in their books already.		A3 paper Paper scissors Fabric scissors Pins Fabrics (Cotton/Polyester and Felt)	
<b>Week 5 – Lesson 10</b>	Continue with tasks set Lesson 8 and 9. Girls may work back in to their Binca fabric to test out different stitches and applique.	<b>Make</b> – Pupils will create their own paper ‘patterns’ and will pin them to suitable materials identified in their books already.	While the girls are cutting out their paper patterns out of fabric, they will be given a demonstration in smaller groups of 6/7 on how to use a sewing machine. They will then have to complete two ‘Sewing Machine Driving Tests’ to demonstrate they can use the machine safely. They will be given a ‘Pass’ certificate and will also need to label the parts of the machine using specialist vocabulary. (Worksheet provided)	A3 paper Paper scissors Fabric scissors Pins Fabrics (Cotton/Polyester and Felt) Sewing machines Driving tests (Two levels of difficult need to be completed that are copied on different colours – Pink easier, Blue – more difficult) Driving License slips Sewing machine worksheets.	



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<p><b>Week 6 – Lesson 11</b></p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely, including computer aided manufacture.</p>	<p><b>Make</b> – Pupils will begin to stitch their patterns to the body of the doll. Specialist term ‘Applique’. Awareness of different embellishment techniques.</p>	<p>Hand embroidery stitches. Pupils will thread their own Crewel needle and knot it. Pupils will have evidence of at least 3 different hand embroidery stitches completed on their work.</p>	<p>Crewel needles Embroidery thread Fabric scissors Paper scissors Hand embroidery worksheets Fabric Needle Threaders Fabric unpicker/seam ripper</p>	
<p><b>Week 6 – Lesson 12</b></p>	<p>Continue with tasks set Week 6 lesson 11. Continue to use different hand embroidery stitches on work. (Use of Applique) <b>Make</b> - Select and use specialist equipment and machinery precisely, including computer aided manufacture. Sample of CAD CAM sewing machines – pupils will use the machine to create a sample for their books and may decide to use it on their work.</p>	<p><b>Make/Technical Knowledge</b> - Sample of technique from CAD CAM sewing machines – pupils will use the machine to create a sample for their books and may decide to use it on their work.  Awareness of different embellishment techniques.</p>	<p><b>Make</b> - Use specialist equipment and machinery precisely, including CAD CAM sewing machines – pupils will use the machine to create a sample for their books and may decide to use it on their work. <b>Technical Knowledge</b> Reminder that girls should use at least 3 different hand embroidery stitches. Reminder of the specialist term ‘Applique’. Understand the properties of different fabrics/embellishments and their suitability for the product.</p>	<p>Crewel needles Embroidery thread Fabric scissors Paper scissors Hand embroidery worksheets Fabric Needle Threaders Fabric unpicker/seam ripper CAD CAM sewing machine Thread</p>	



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<p><b>Week 7 – Lesson 13</b></p>	<p>Continue with tasks set Week 6 – Lesson 11 and 12.</p>		<p>Hand embroidery stitches. Pupils will thread their own Crewel needle and knot it. Pupils will have evidence of at least 3 different hand embroidery stitches completed on their work.</p>	<p>Crewel needles Embroidery thread Fabric scissors Paper scissors Hand embroidery worksheets Fabric Needle Threaders Fabric unpicker/seam ripper</p>	
<p><b>Week 7 – Lesson 14</b></p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine.</p>	<p><b>Make/Technical Knowledge</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine.</p>	<p>Sewing machine - stitch front and back of doll together. Re- cap on how to use and thread a sewing machine. Line up a stitch line. Secure working knowledge of safe use of a number of different types of specialist equipment. (Needles, pins, sewing machines, CAD CAM machines)</p>	<p>Fabric scissors Paper scissors Fabric Fabric unpicker/seam ripper Sewing machines</p>	



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<p><b>Week 8 – Lesson 15</b></p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine.</p> <p>Extension Task – For those who have finished – Design and make a bookmark using Felt/Applique and hand embroidery stitches suitable for a chosen target audience.</p>	<p><b>Make/Technical Knowledge -</b> Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine.</p>	<p>Sewing machine - stitch front and back of doll together. Re- cap on how to use and thread a sewing machine. Line up a stitch line. Secure working knowledge of safe use of a number of different types of specialist equipment. (Needles, pins, sewing machines, CAD CAM machines)</p>	<p>Fabric scissors Paper scissors Fabric Fabric unpicker/seam ripper Sewing machines PowerPoint show</p>	
<p><b>Week 8 – Lesson 16</b></p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Put wadding in finished doll and hand stitch the bottom. Photograph completed work and stick on to birth certificate. (Similar to those given at 'Build a Bear') Give doll a name, date and place of birth and who it belongs to. Extension Task – For those who have finished – Design and make a bookmark using Felt/Applique and hand embroidery stitches suitable for a chosen target audience.</p>	<p>Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine. Place wadding into doll. Hand stitch the bottom of doll. Photograph work completed.</p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Demonstrate how to put wadding inside doll. Pin and hand stitch the bottom of the doll. Photograph the work.</p>	<p>Birth certificates Wadding Sewing machines Pins Digital camera</p>	





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<p><b>Week 9 – Lesson 17</b></p>	<p>Make - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Put wadding in finished doll and hand stitch the bottom. Photograph completed work and stick on to birth certificate. (Similar to those given at 'Build a Bear') Give doll a name, date and place of birth and who it belongs to. Extension Task – For those who have finished – Design and make a bookmark using Felt/Applique and hand embroidery stitches suitable for a chosen target audience</p>	<p>Select and use specialist tools, techniques, processes, equipment and machinery precisely. Pupils will stitch their doll together using the sewing machine. Place wadding into doll. Hand stitch the bottom of doll. Photograph work completed.</p>	<p><b>Make</b> - Select and use specialist tools, techniques, processes, equipment and machinery precisely. Demonstrate how to put wadding inside doll. Pin and hand stitch the bottom of the doll. Photograph the work.</p>	<p>Birth certificates Wadding Sewing machines Pins Digital camera</p>	
<p><b>Week 9 – Lesson 18</b></p>	<p>Assessment task – Recap on work covered throughout the project.</p>	<p>Assessment task</p>	<p>Assessment task on work covered throughout the project of work. (Approx 20-30 minutes) Stick photograph of work on worksheet and evaluation of final design.</p>	<p>Assessment task Photograph of completed work Evaluation worksheets</p>	