

# Design Technology

## Key stage 3 : food, materials and textiles

Assessment Opportunities	Literacy/Reading opportunities	CEIAG Links
<p>Assessment is every 5 weeks looking at the end product made in materials and textiles. Week 6 is to reflect and feedback to peers and discuss ways to improve our product as part of our design, make evaluation curriculum. In food there is a written paper that covers key themes taught in the rotation in week 6. Topics include key temperatures and recall of definitions.</p>	<ul style="list-style-type: none"> <li>- Reading recipes</li> <li>- Reading and matching key tools and definitions</li> <li>- Reading methods and key terminology</li> <li>- Reading rules of the room and being able to write about the importance of safety rules in dt - verbally and written.</li> <li>- Production plans</li> </ul>	<p>There are many industrial links in all areas of DT that are not only just referred to in lessons but also brought to life with interactive workshops, visiting guest speakers and linking in with extra curricula clubs. For example - pattern cutting workshop with Q and A with head of costumes from TV dramas, Students making benches with Screwfix. Food reference to environmental health officer, interactive workshop from the Royal Marines and local chefs. Nutritionist and roles within hospitality and catering as well as the health care sector.</p> <p>Careers are a big part of the DT curriculum and we actively encourage job role discussion as part of our everyday teaching. We discuss roles that are not always thought of for example - types of engineering, food taster, textiles and fashion designer and food buyer.</p>

### Curriculum vision:

“Our aim is to deliver a curriculum that is inclusive, relevant and progressive for all learners.”




<b>Lesson 1</b>	<b>Fashion and textiles</b>			<b>Lesson Breakdown</b>
<b>Objectives</b>	<b>Design</b> - design a personalised cushion – A gift to someone special – Personalised Cushion as a gift – Pattern cutting, Printing and embellishment			<b>Design, make evaluate - crochet poppies making a felt one as sample for size and design</b> <b>Key questions -</b> <ol style="list-style-type: none"> <li><b>What are textiles?</b> Students to discuss with partners and then share ideas, Textiles are any type of fabric or woven cloth.</li> <li>Why have we decided to include textiles at ASTN</li> <li>What is remembrance day and where is strawberry fields</li> </ol>
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>- Introduction into textiles</li> <li>- Pattern cutting</li> <li>- Cutting of fabric</li> <li>- Additional design like pockets</li> </ul>			<b>Crochet poppies</b> - Design and make a crochet poppy to be put on display at strawberry fields– research and discussion of branding and exploration of a variety of decorative techniques. <ul style="list-style-type: none"> <li>• Demonstration on how to make a pattern and cut out felt, explanation on what felt is and how and why its used.</li> <li>• Student make a pattern to cut out felt to make a prototype of the crochet poppy.</li> <li>• Students to cut and assemble the prototype</li> <li>• Demonstration on a running stitch to stitch the felt poppy together.</li> <li>• Students to assemble and finish off the poppy and add a brooch fastening at the back.</li> <li>• End of lesson peer review – a3 paper amendment from the prototype design.</li> </ul>
<b>Time frame</b>	1 hour	Assessment	Detail in mind map	
<b>Prior learning</b>	Design brief, design, make and evaluate			
<b>Key vocabulary</b>	Remembrance, design, shape, felt, fabric, textiles			
<b>Character and cultural development</b>	Embed excellence in Design technology Continued development with literacy skills, Project management in design Research strategies, Existing products			
<b>Skills Coverage</b>	Textiles skills, fabric manipulation, felt, cutting , making a template			
<b>Extension / challenge</b>	Add embellishment to the poppy like a sequin or a gem adding detail to the felt poppy			Homework – presentation on remembrance day

<b>Lesson 2</b>	<b>Make - crochet poppies for display</b>			<b>Lesson Breakdown</b> <ul style="list-style-type: none"> <li>• Recap what we are doing and why</li> <li>• Demonstration how to crochet</li> <li>• Students collect their materials and crochet and start to crochet</li> <li>• Use your prototype from lesson 1 as an example of size</li> <li>• Explanation of the use of materials used and why</li> <li>• Spot demonstration on crochet - are we doing this right ?</li> <li>• Add names to the crochet poppies for easy storage ready for next lesson</li> </ul>
<b>Objectives</b>	To start to crochet a poppy for display			
<b>Outcomes</b>	<b>Make</b> - start to crochet a remembrance poppy			
<b>Time frame</b>	1 hour	Assessment	Practical skills	
<b>Prior learning</b>	Designers and their influence			
<b>Key vocabulary</b>	Design, influence, shape, texture, manipulation, crochet			
<b>Character and cultural development</b>	society, community initiative , mental health, remembrance, strawberry fields and the salvation army			
<b>Skills Coverage</b>	Crochet, crochet materials and use of fabrics and thread			
<b>Extension / challenge</b>	- Crochet the leaves of the poppy			

<b>Lesson 3</b>	<b>Make - crochet poppies for display</b>			<b>Lesson Breakdown</b> <ul style="list-style-type: none"> <li>• Recap what we are doing and why – progress update form last lesson</li> <li>• Personalised feedback on how to improve for each student</li> <li>• Demonstration how to crochet</li> <li>• Students collect their materials and crochet and start to crochet</li> <li>• Use your prototype from lesson 1 as an example of size</li> <li>• Explanation of the use of materials used and why</li> <li>• Spot demonstration on crochet - are we doing this right ?</li> </ul>
<b>Objectives</b>	To start to crochet a poppy for display			
<b>Outcomes</b>	<b>Make</b> - start to crochet a remembrance poppy			
<b>Time frame</b>	1 hour	Assessment	Practical skills	
<b>Prior learning</b>	Designers and their influence			
<b>Key vocabulary</b>	Design, influence, shape, texture, manipulation, crochet			
<b>Character and cultural development</b>	society, community initiative , mental health, remembrance, strawberry fields and the salvation army			
<b>Skills Coverage</b>	Crochet, crochet materials and use of fabrics and thread			
<b>Extension / challenge</b>	- Crochet the leaves of the poppy add sequins			

<b>Lesson 4</b>	<b>Make - crochet the leaf and the poppy</b>			<b>Lesson Breakdown</b> <ul style="list-style-type: none"> <li>• Recap what we are doing and why</li> <li>• Demonstration how to crochet</li> <li>• Students collect their materials and crochet and start to crochet</li> <li>• Use your prototype from lesson 1 as an example of size</li> <li>• Explanation of the use of materials used and why</li> <li>• Spot demonstration on running stitch and how to assemble the leaf and the poppy petals.</li> </ul>	
<b>Objectives</b>	To start to crochet a poppy and leaf for display				
<b>Outcomes</b>	<b>Make</b> - start to crochet a remembrance poppy				
<b>Time frame</b>	1 hour	Assessment	Practical skills		
<b>Prior learning</b>	Designers and their influence				
<b>Key vocabulary</b>	Design, influence, shape, texture, manipulation, crochet				
<b>Character and cultural development</b>	society, community initiative, mental health, remembrance, strawberry fields and the salvation army				
<b>Skills Coverage</b>	Crochet, crochet materials and use of fabrics and thread				
<b>Extension / challenge</b>	- Add detail to the centre of the poppy				Homework - attach a personalised note to your poppy.

<b>Lesson 5</b>	<b>Finishing, assembly – applying finishing techniques of remembrance day poppy</b>			<b>Lesson Breakdown</b> <ul style="list-style-type: none"> <li>• Student update</li> <li>• Spot demonstration on running stitch to sew the leaves and petals together.</li> <li>• How to attach a drawing pin to secure the poppy</li> <li>• Design a hand written label or note to attach to the poppy that will go on display</li> <li>• Add sequins to improve the appearance of your poppy.</li> <li>• Start to assemble the poppies for display</li> </ul> 
<b>Objectives</b>	To apply finishing techniques to the poppy			
<b>Outcomes</b>	Finished poppy ready for display			
<b>Time frame</b>	1 hour	Assessment	Assessment of final outcome.	
<b>Prior learning</b>	Justification, bringing ideas together, mood board - why people protest			
<b>Key vocabulary</b>	Finish, shaping, embellishment , assembling.			
<b>Character and cultural development</b>	Making something for someone else and having your work ready for display to the public			
<b>Skills Coverage</b>	Design, make and crochet			
<b>Extension / challenge</b>	<ul style="list-style-type: none"> <li>- Use a hand stich to secure the pin</li> <li>- Use a different hand stitch to add decoration to the leaves</li> </ul>			Homework – finish off the label that will be attached to the poppy Research strawberry fields and the salvation army

<b>Lesson 6</b>	<b>Evaluation student voice</b>	Lesson Breakdown <ul style="list-style-type: none"> <li>• Students to test their work using the assessment criteria.</li> <li>• Students to describe their evaluation points on worksheets</li> <li>• Peer assessment: Students to peer assess their work using the grading criteria and worksheet</li> <li>• Practical: Student's to use findings to improve quality of outcome.</li> <li>• End of unit review</li> <li>• Student voice</li> </ul>
<b>Objectives</b>	To evaluate the finish product and justify the decisions made through the design process	
<b>Outcomes</b>	<b>Evaluate</b> All aspects of products evaluated and fully finished product	
<b>Time frame</b>	1 hour	
<b>Key vocabulary</b>	Evaluation, testing, finishing, techniques shaping	
<b>Character and cultural development</b>	Review, testing, quality control checking.	
<b>Skills Coverage</b>	Testing and evaluating	
<b>Extension / challenge</b>		End of unit