

# Student booklet

## Circular looms

<b>Year 5</b>	<b>Technology</b>
<b>Name</b>	

**Design and create a knitted product suitable for a client, in response to the design brief.**

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**You will:**

- make a knitted product on the circular loom that meets the design brief
  - document the process in a design folio
  - reflect on learning including an evaluation of the product and the production processes.
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**Due date:** .....

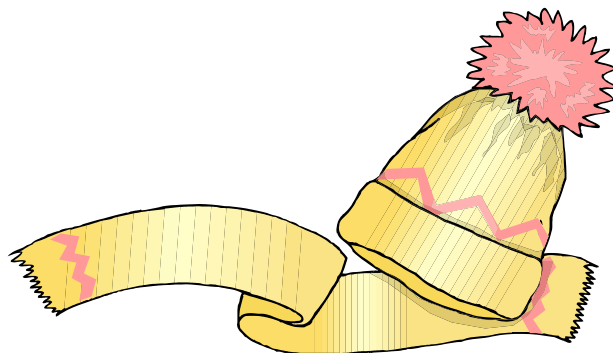
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## Your challenge

Design and create a knitted product that suits a client of your choice (such as grandmother or younger brother) and meets the design brief.

## Design brief

Design your product to have these features.



appeal to the client	suited to the client's age	suited for where the client will wear the item
interesting construction features (such as changes in colour, texture or knit patterns)	materials and construction suited to the function	interesting embellishments (such as pompoms or buttons)
original design	protective function	constructed on a circular loom

## Design folio

Keep a *Design folio* to help you formulate ideas for this project and then plan, complete and evaluate the finished product. Complete the following:

Section	Task to complete	Finished? (✓)
1	<b>Analysing the Design brief</b> Using the Design brief, describe: <ul style="list-style-type: none"> <li>the client/market</li> <li>what you are going to make for the client</li> <li>what features the product needs to have</li> <li>what the client would like to have as features of the product (talk to your client).</li> </ul>	
	<b>Research</b> Gather ideas for your product by: <ul style="list-style-type: none"> <li>researching on the internet or in the library</li> <li>examining books, advertising brochures and magazines</li> <li>observing products at the shops.</li> </ul> Keep any pictures and information you have found.	
	<b>Design</b> <ol style="list-style-type: none"> <li>Create one design using pictures, sketches, or labelled diagrams. Write yourself notes. Ensure your design is something you can actually make.</li> <li>List the advantages and disadvantages of the idea.</li> <li>Explain how well the design follows the Design brief. Use the Design brief as a checklist.</li> <li>Consult with the person you are making the product for. Ask them to complete the <i>Client feedback checklist</i> for the design you selected.</li> <li>Modify and refine the design if necessary, based on their feedback. Do a labelled design drawing.</li> </ol>	
	<b>Planning</b> <ol style="list-style-type: none"> <li>Think about the materials, tools and skills you would need for making each design.</li> <li>Identify materials and tools you will need to make the item.</li> <li>List some rules for using the tools safely.</li> <li>Write a series of steps that details the order of production and any special techniques used. Estimate how much time you will need for each task.</li> </ol>	

2	<p><b>Production</b></p> <ol style="list-style-type: none"> <li>Create the product using your Production plan. Follow your safety rules with all tools.</li> <li>Document each production step as you work (make notes and/or take photos).</li> <li>Describe any changes to the design that need to be made during production.</li> </ol>	
3	<p><b>Evaluation and reflection</b></p> <p>Answer the questions to complete your evaluation of your product:</p> <ul style="list-style-type: none"> <li>Does the product meet the design brief? Why/why not?</li> <li>Why are the materials used suitable for the function of this product?</li> <li>What worked and what did not work as intended?</li> <li>Are you happy with the embellishments and construction features?</li> <li>Make recommendations for future productions — what might you do differently in your production plan?</li> </ul> <p>Identify and reflect upon the following features of the learning process. Complete the SWOT table.</p> <ul style="list-style-type: none"> <li><b>Strengths</b> — What are the best aspects of the learning process?</li> <li><b>Weaknesses</b> — What did not work so well with the learning process?</li> <li><b>Opportunities</b> — What might you do differently in the learning process?</li> <li><b>Threats</b> — What potential problems are there with the learning process?</li> </ul>	