

Year 5 Technology: Circular looms

Student

Purpose: To use technology practice to design and create a knitted product, in response to a design brief and client needs.

Knowledge and understanding	Investigating and designing	Producing	Evaluating	Reflecting	
Knowledge and understanding of factors influencing design decisions to meet the design brief	Interpretation and analysis of information and evidence to generate a design idea that meets the design brief	Implementation of production processes to make products	Evaluation of own product based on the design brief	Reflection on the design and learning processes	
<ul style="list-style-type: none"> Product and journal demonstrates knowledge of protective properties of fibre, and the choice of suitable materials and construction techniques to enhance embellishment. 	<ul style="list-style-type: none"> Discerning interpretation and analysis of data informs the creation of the design. Develops an innovative and original design proposal. 	<ul style="list-style-type: none"> Controlled and skilful techniques, processes and materials to make completed product of high quality. 	<ul style="list-style-type: none"> Insightful validation of own design ideas and how they met the design brief. 	<ul style="list-style-type: none"> Insightful reflection on the impact of the research results and peer feedback is incorporated into the design and processes. 	A
<ul style="list-style-type: none"> Product and journal demonstrates knowledge of protective function of products. 	<ul style="list-style-type: none"> Relevant interpretation and analysis of data informs the creation of the design. 	<ul style="list-style-type: none"> Effective techniques, processes and materials to make completed quality product. 	<ul style="list-style-type: none"> Validates own design ideas and uses evaluation to refine design processes and product. 	<ul style="list-style-type: none"> Reflect on the impact of the research results and peer feedback on the design and processes. 	B
<ul style="list-style-type: none"> Product and journal demonstrates knowledge of functions of products, designing a product to meet a design brief and choice of suitable construction techniques. 	<ul style="list-style-type: none"> Develops a feasible design proposal based on existing products. 	<ul style="list-style-type: none"> Appropriate techniques, processes and materials to make completed quality product. 	<ul style="list-style-type: none"> Links evaluation to the design brief. 	<ul style="list-style-type: none"> Reflect on the impact of research and peer feedback on the design and some processes. 	C
<ul style="list-style-type: none"> Product or journal demonstrates knowledge of appeal to the client and available materials. 	<ul style="list-style-type: none"> Identifies a design idea from a selection provided. 	<ul style="list-style-type: none"> Basic implementation of techniques, processes and materials to make a product. 	<ul style="list-style-type: none"> Considers own design ideas. 	<ul style="list-style-type: none"> Reflection on some of the design and processes. 	D
<ul style="list-style-type: none"> Product or journal demonstrates knowledge of appeal to self, choice of materials and equipment. 			<ul style="list-style-type: none"> Discusses own design. 	<ul style="list-style-type: none"> Cursory reflection based on personal preference. 	E

Feedback

Literacy indicator		✓
Reading and Viewing		
RV 5 vii	<p>Make and support meaning by knowing and understanding textual features that:</p> <ul style="list-style-type: none"> • structure texts including headings, subheadings, topic sentences and paragraphs • represent ideas and relationships including compound sentences, extended noun groups, pronouns, referring words, repetition, nominalisation, figurative language and adjectives and adverbs that intensify meaning • represent ideas visually through maps, graphs, photographs and illustrations • signal relationships between ideas, including connectives and conjunctions that list sequence, time and order; cluster ideas and compare. 	
RV 5 iv	<p>Write and design texts using a range of strategies to plan including:</p> <ul style="list-style-type: none"> • generating ideas and selecting an appropriate one • gathering information from personal knowledge and learning experiences, and from sources such as graphics or multimedia texts • completing in a reasonable timeframe • organising main ideas and supporting details using storyboards or sequence charts • determining relevance of information for the purpose. 	
RV 5 vi	<p>Write paragraphs that maintain the pace or sense of texts and organise texts, using structures including problem-and-solution, cause-and-effect or compare-and-contrast.</p>	
Writing and Designing		
WD 5 x	<p>Select words that add precision, including literary language such as metaphor or simile and some technical terms.</p>	

Feedback

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