



Northumberland's P.R.U.

# Product Design Programme of Study (Term 2 2024-25)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
<b>Autumn 1 – ‘Equality &amp; Diversity’</b>								<b>Autumn 2 – ‘Living in the Wider World’</b>						
<b>Subject Area Topic - Clock Project</b>								<b>Subject Area Topic - Clock Project</b>						
- 1&2 Introduction to the clock project, students identify how clocks are used within everyday life. Assessing data from target		3&4 How is design used to create a product answering the brief requirements?		5,6&7 Why is health and safety essential when working in the workshop. Using knowledge to start to manufacture the clock face.				8&11 How to apply the clock design to show the clock face. How are components used when assembling mechanisms.			12&13 Using manufacturing techniques to heighten the quality of craftsmanship. How do you evaluate a product?		14 Assessment opportunities	
Notes/Links/Interleaving			Additional Higher Content					Notes/Links/Interleaving			Additional Higher Content			
<b>Spring 1 – ‘The Circle of Life’</b>							<b>Spring 2 – ‘Conflict’</b>							
<b>Subject Area Topic - Textile Monster Pal</b>							<b>Subject Area Topic - Mosaic Wall Art</b>							
1&2 Introduction to Textiles and its equipment. Students identify the different sewing techniques and how to create them.		3&4 How is design used to create a fabric product answering the brief requirements? Create design ideas and final for production of fabric product.		5&6 Why is health and safety essential when working with equipment? Using knowledge to manufacture the monster pal product. How do you evaluate a product? Assessment opportunities.			1,2&3 Introduction to mosaic and its equipment. Students are given a brief to create an image that will be displayed on the wall. Students will understand why we use and how to create a prototype for a product.				4&5 Using manufacturing techniques to create mosaic wall art product. Assessment opportunities.			
Notes/Links/Interleaving			Additional Higher Content				Notes/Links/Interleaving			Additional Higher Content				
<b>Summer 1 – ‘Health &amp; Leisure’</b>							<b>Summer 2 – ‘Crime &amp; Punishment’</b>							
<b>Subject Area Topic - Mosaic Product</b>							<b>Subject Area - Food packaging</b>							

	1,2&3 Introduction to the mosaic project, students identify what and how products are used within health and leisure. Assessing data from target market. How is design used to create a product answering the brief requirements? Create design ideas and final, including a prototype for production of product.	4,5&6 Why is health and safety essential when working equipment? Using knowledge to manufacture the mosaic project. Assessment opportunities.	7 Using manufacturing techniques to heighten the quality of craftsmanship. How do you evaluate a product?	1 Introduction to the sandwich packaging project. Assessing data from target market. Understanding nets.	2 How is design used to create a product answering the brief requirements? Create designs. Assessment opportunities.	3,4&5 Using knowledge on nets create a prototype and final product.	6 How do you evaluate a product?
	<b>Notes/Links/Interleaving</b>	<b>Additional Higher Content</b>	<b>Notes/Links/Interleaving</b>	<b>Additional Higher Content</b>			