



Technology Department Year 8 RM, long term planning

Week	36	37	38	39
W/C Date	25-Jun	2-Jul	9-Jul	16-Jul
Topic	Introduction	Design Ideas	Wood joints	
Key Objectives	To be able to create a task analysis to explore the areas of research we need to consider.	To create a range of Design Ideas that meet the Design Criteria.	Introduction to wood joints	
Assessment	Students will explain the functions of products which encourage wildlife to the environment and clearly identify which are important through a design criteria.	Students will create a wide range of 3D, fully rendered, feasible ideas.	Students will be able to justify using full sentences the tools and equipment they need to manufacture their wood joints.	
Homework	Homework to be set via SAM LEARNING			

Department Year 8 grades 3-8 long term plan

	Assessment weeks
	Moderation week
	Data Capture
	STAR marking
	Exit Poll

Key Skills to be Covered

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
W/C Date	03-Sep	10-Sep	17-Sep	24-Sep	01-Oct	08-Oct	15-Oct		29-Oct	05-Nov	12-Nov	19-Nov	26-Nov	03-Dec	10-Dec	17-Dec		
Topic	Design Ideas		ASSESSMENT AND FEEDBACK	Development		ASSESSMENT AND FEEDBACK	Manufacture of product		Manufacture of product						Evaluation			
Key Objectives	To learn how to annotate using technical language to explain ideas further. Introduction to surface finishes.			To learn how to develop idea by making changes to design and acting on feedback from others.			- marking out. - cutting and shaping of wood joints. Understand measurements / units and accuracy. Understand and predict production planning.		- marking out. - cutting and shaping of wood joints. Understand measurements / units and accuracy. Understand and predict production planning.	- drilling and sanding. Understand and explain what jigs, templates and gauges are used for.	- fabrication. Understand the different scales of production that can be used in manufacturing - One off - Batch - Mass - Continuous	- finishing techniques. Identify a range of suitable finishing techniques suitable for use outside with wildlife.	Learn how to evaluate your own work and that of others against a design criteria.					
Assessment	Add fully detailed notes using ACCESS FM to explain their design decisions, linking back to their design criteria.		Green pen STAR marking from previous sheets.	Students will improve their design by making a wide range of different changes that they can explain.		Green pen STAR marking from previous sheets.	Students will be able to mark out joints accurately. Identify and use basic hand and power tools with some confidence and accuracy.	Students will be able to mark out joints accurately. Identify and use basic hand and power tools with some confidence and accuracy.	Will be able to use power tools (Pillar drill and disc sander) safely, and with confidence. Students will be able to plan stages of manufacture and complete tasks in the correct order.	Students will be able to assemble different components in the correct order to ensure an accurate outcome. Students will be able to identify the correct scale of manufacture for their product.	Will demonstrate the ability to make an informed choice about a suitable finishing technique and apply it to enhance their product to complete product.	Pupils should identify good and bad points of their blockhead and suggest improvements using Technology words. They should consider the key aspects of the manufacture.						
Homework	Homework to be set via SAM LEARNING								Homework to be set via SAM LEARNING									



Technology Department Year 8 RM, long term planning

Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
W/C Date	07-Jan	14-Jan	21-Jan	28-Jan	04-Feb	11-Feb		25-Feb	04-Mar	11-Mar	18-Mar	25-Mar	01-Apr	08-Apr		
Topic			Introduction	Design Ideas	Wood joints			Design Ideas			Development			Manufacture of product		
Key Objectives	ASSESSMENT AND FEEDBACK	Roll over week	To be able to create a task analysis to explore the areas of research we need to consider.	To create a range of Design Ideas that meet the Design Criteria.	Introduction to wood joints			To learn how to annotate using technical language to explain ideas further. Introduction to surface finishes.		ASSESSMENT AND FEEDBACK	To learn how to develop idea by making changes to design and acting on feedback from others.		ASSESSMENT AND FEEDBACK	- marking out. - cutting and shaping of wood joints. Understand measurements / units and accuracy. Understand and predict production planning.		
Assessment	Green pen STAR marking from previous sheets.		Students will explain the functions of products which encourage wildlife to the environment and clearly identify which are important through a design criteria.	Students will create a wide range of 3D, fully rendered, feasible ideas.	Students will be able to justify using full sentences the tools and equipment they need to manufacture their wood joints.			Add fully detailed notes using ACCESS FM to explain their design decisions, linking back to their design criteria.		Green pen STAR marking from previous sheets.	Students will improve their design by making a wide range of different changes that they can explain.		Green pen STAR marking from previous sheets.	Students will be able to mark out joints accurately. Identify and use basic hand and power tools with some confidence and accuracy.		
Homework	Homework to be set via SAM LEARNING							Homework to be set via SAM LEARNING								

Week	35	36	37	38	39	40	41	42	43	44	45	46	46
W/C Date	29-Apr	06-May	13-May	20-May		03-Jun	10-Jun	17-Jun	24-Jun	01-Jul	08-Jul	15-Jul	13-May
Topic	Manufacture of product					Manufacture of product		Evaluation					
Key Objectives	- marking out. - cutting and shaping of wood joints. Understand measurements / units and accuracy. Understand and predict production planning.	- drilling and sanding. Understand and explain what jigs, templates and gauges are used for.		- fabrication. Understand the different scales of production that can be used in manufacturing - One off - Batch - Mass - Continuous		- finishing techniques. Identify a range of suitable finishing techniques suitable for use outside with wildlife.		Learn how to evaluate your own work and that of others against a design criteria.	<h1>Start of Y9</h1>				
Assessment	Students will be able to mark out joints accurately. Identify and use basic hand and power tools with some confidence and accuracy.	Will be able to use power tools (Pillar drill and disc sander) safely, and with confidence. Students will be able to plan stages of manufacture and complete tasks in the correct order.		Students will be able to assemble different components in the correct order to ensure an accurate outcome. Students will be able to identify		Will demonstrate the ability to make an informed choice about a suitable finishing technique and apply it to enhance their product to complete product.		Pupils should identify good and bad points of their blockhead and suggest improvements using Technology words. They should consider the key aspects					

Technology Department Year 8 RM, long term planning



			the correct scale of manufacture for their product.		of the manufacture.	
--	--	--	---	--	---------------------	--