

Photo frame Project

Project Brief

Design and Make a photo frame that will stand independently and hold an image. Your frame must be accurately made.

Project Context

People like to take photographs and display them around their home. Photographs could be a way of celebrating or remembering an event or a person, a frame offers an attractive way to do this.

Lesson	Content	Completed?	
		Y / N	EFFORT
1	<ul style="list-style-type: none"> Introduction to the project & Health & Safety Product Analysis Alessi <p><i>Homework: Research ALESSI products</i></p>		
2	<ul style="list-style-type: none"> MIB homework Sketch inspiration Design ideas 		
3	<ul style="list-style-type: none"> Development of design ideas Isometric introduction <p><i>Homework: isometric worksheet</i></p>		
4	<ul style="list-style-type: none"> Timber joints Final Idea Begin practical: mitre joint & mitre saw 		
5	<ul style="list-style-type: none"> Introduction to timber categories Practical continues: finishing processes <p><i>Homework: timber categories research task</i></p>		
6	End of Cycle Assessment:		



Why are we learning how about different timbers and joints?
Other Designers & their work?

You are learning about the above so that you:

Have an understanding of different materials used in products.

Are able to select appropriate tools and equipment for different processes.

Are able to reflect upon the work of others when designing your own product ideas.

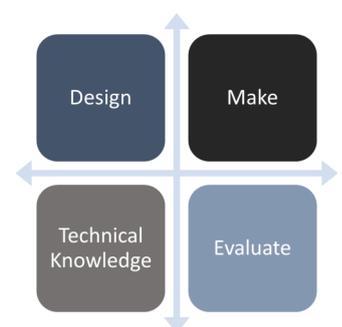
Student Self Evaluation

WWW
EBI

Challenge!

What areas of the four key concepts for Design & Technology have you worked in during this cycle?

Circle your response



LEARNING TOOLS

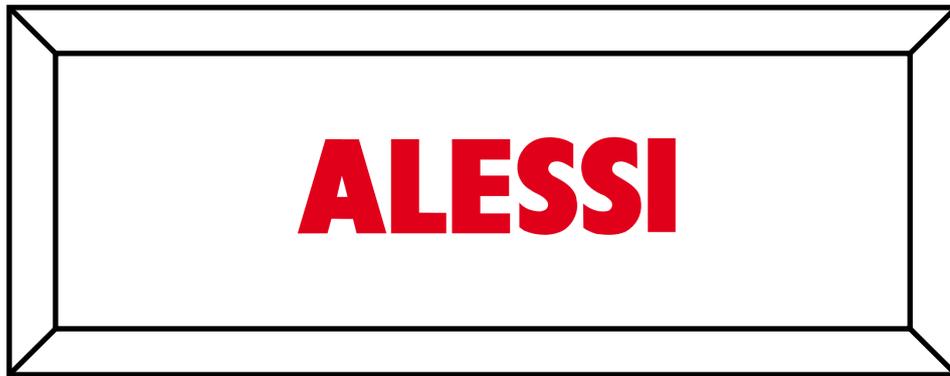
Tick when you think you are able to define the meaning of the keyword

KEYWORDS				

Challenge! Can you add more keywords you have covered?



Photo frame Project



Lesson	Content	Completed?	
		Y / N	EFFORT
7	<ul style="list-style-type: none"> Practical continues: fret saw introduction <i>Homework: Tools & Equipment worksheet</i>		
8	<ul style="list-style-type: none"> MIB Homework Practical continues 		
9	<ul style="list-style-type: none"> Practical: introduction to painting techniques. <i>Homework: Production Diary</i>		
10	<ul style="list-style-type: none"> Practical Final outcome to be completed 		
11	<ul style="list-style-type: none"> Evaluation: third party feedback <i>Homework: Revision for end of cycle assessment</i>		
12	End of Cycle Assessment:		



Why are we learning how to use the tools and equipment in the workshop?

You are learning about the above so that you:

Can learn how to independently manufacture your own products in preparation for the GCSE NEA.

Can build and develop your skill set so that you feel confident in the workshop environment.

Student Self Evaluation

WWW
EBI

LEARNING TOOLS

Tick when you think you are able to define the meaning of the keyword

KEYWORDS				

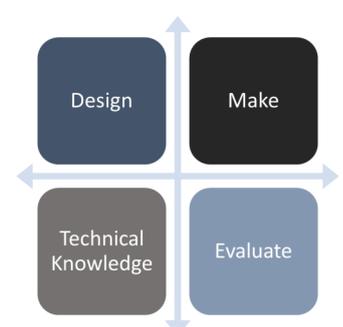
Challenge! Can you add more keywords you have covered?



Challenge!

What areas of the four key concepts for Design & Technology have you worked in during this cycle?

Circle your response



Cycle 3-4 Timber Photo frame

My Expected Grade				
Teacher Assessed Grade (circle)				
SBE	BE	E	AE	SAE
Comment:				

Grade		Prior Know	End Know
8 - 9	<p>I can...</p> <p>I can work safely in the workshop with a good degree of accuracy and skill.</p> <p>Reflect on my research; analyse the information and make judgements which will inform my design decisions.</p> <p>Develop my ideas using 3D drawing techniques which show relevant details of materials; measurements and processes.</p> <p>Able to give example materials within each category of timber.</p> <p>Describe at least five timber joints, making reference to their uses.</p> <p>Analyse and evaluate the Alessi design principles and reference specific designers.</p> <p>Analyse and evaluate existing products and justify my points using appropriate subject specific keywords.</p>		
6 –7	<p>I can...</p> <p>I can work safely and skilfully in the workshop using a range of tools and equipment.</p> <p>Carry out detailed and relevant research which I can use to my advantage when designing.</p> <p>Fully develop a range of ideas with clear annotation, linking my development to ongoing research.</p> <p>I am able to explain the difference between the categories of timber.</p> <p>Identify at least three different timber joints.</p> <p>Describe the Alessi design principles using appropriate keywords and descriptors.</p> <p>Analyse existing products effectively making reference to ACCESSFM.</p>		
4 –5	<p>I can...</p> <p>Work safely in the workshop using a range of tools & equipment</p> <p>Research a range of topics and present my findings clearly.</p> <p>Research a range of topics and present my findings clearly.</p> <p>Name the three categories of timber.</p> <p>Recognise a mitre joint and explain its function.</p> <p>Describe the Alessi style using keywords.</p> <p>Complete a product analysis using arrange of keywords.</p>		