

## Year 9 Acrylic clock Long Term Plan 2024 - 25

		Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7
T e r m	C u r r i c u l u m C o n t e n t	Health and safety in the woodwork room Expectations Careers within product design	6 R's Reduce reuse recycle refuse rethink repair	To explore plastics/polymers. To learn examples of plastic, what and why they are used.	Receive the brief to design an acrylic clock.  Research - acrylic clocks and the artist that will inspire the design, Supermundane. Create a research board.	Complete research board and start design ideas/sketches taking inspiration from findings.	Design ideas, further development. Final design. Annotated.	Using coloured papers, pupils create a prototype of their design, to scale. Pupils must consider the shapes and compositions.
	R e t r i e v a l	Brain dump from last year, what do they remember?	Recall from last lesson, name 5 hazards in the workshop. How can they be avoided?	Equipment recall, name and function	Recall - plastics and their uses.	Recall – what is a brief for?	Recall the importance of design.	Health and safety recall, circle the hazards.
		Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13	
T e r m	C u r r i c u l u m C o n t e n t	Practical - start to cut acrylic. Pupils to develop practical skills including using a saw, the vice, filing and sanding.	Practical - cut acrylic, file, sand and buffer.  Pupils to develop practical skills including using a saw, the vice, filing and sanding.	Practical - any final cutting/filing/buffering. Assemble clock  Pupils to develop practical skills including using a saw, the vice, filing and sanding.	CAMS - look at clock mechanism, using cardboard, create a turning cog.	Any final completion of the project.	End of project assessment. Evaluation of the product.	
	R e t r i e v	Keywords recall. Pupils to list keywords and terms they have learnt so far.	Complete a plan of make, what is needed to do to complete the outcome. They should	Health and safety hazard awareness.	Skills and technique recall.	Subject vocab recall - Key words and definition match up	Brain dump. Everything that has been learnt so far.	

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