

## Year 7 Wood - Block Bots 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 DT careers	Equipment - Names and functions	To discover what softwoods and hardwoods are as categories.  To learn examples of soft and hard woods.	Receive the brief  Research - Block bots. Create a research sheet exploring a range of block bot designs. Develop own designs.	Design ideas, pupils to create a range of design ideas inspired by research.  Annotation and measurements should be included.	Prototype – pupils to create a cardboard/paper prototype to shoe measurements.	Practical – pupils to measure out and begin to cut pieces.
	R e t r i e v a l	Hazard sheet Spot the hazards.	Recall from last lesson, name 5 hazards in the workshop. How can they be avoided? Careers opportunities.	Equipment recall, name and function	Recall - different woods	Wood recall	Brain dump, what has been learnt so far, skills, techniques, materials.	Plan of make – pupils to create a step-by-step plan of make that they will follow to create their box.
T e r m		Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13	
	C u r r i c u l u m C o n t e n t	Practical – pupils to measure out and begin to cut pieces.	Practical – pupils to measure out and begin to cut pieces, sanding,	Practical – pupils to measure out and begin to cut pieces, sanding, use of the pillar drill.	Practical – pupils to measure out and begin to cut pieces, sanding, pillar drill, Assembly, complete design/decoration.	Any final completion of the project.	End of project assessment. Evaluation of the product.	

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	R e t r i e v a l	Recap on how to be safe in the workshop	Measuring recall – pupils to show understanding of mm and cm.	Health and safety regarding the pillar drill.	Skills and techniques demonstrated what, where how?	Wood recall.	Brain dump – what has been developed during this project?	
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