# **Year 7 Design Technology Long Term Plan**



## **Temperance Term**

W/C	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
Area of Study	Introduction to DT		Respond to Feedback and End of Term Test					
Core Learning	Introduction to the workshop  Bench expectations  Where resources and equipment are stored  Introduction to the sketchbook  Labelling and ACCESS FM sheet  First keywords  Introduction page	W2 Brief, mind-mapping and W3 Planning the layout and c W4-5 Adding graphics to the W6 Evaluating the cube, math Guided introduction of all asp Design booklet template used Introduction/explanation of th	Graphic and modelling skills to identify the level of understanding for the design process  W2 Brief, mind-mapping and designing W3 Planning the layout and cutting out the net W4-5 Adding graphics to the net, assembling and developing the character cube W6 Evaluating the cube, maths skills and keyword definitions Guided introduction of all aspects of the design process from Brief to Evaluation, including paper/card prototypes Design booklet template used to record student outcomes Introduction/explanation of the 11 Assessment Criteria (AC) modelled on GCSE DT spec' Explanation and fundamental experiences of using the DT Sketchbook					
Opportunitie s for Challenge	Complexity of collage Homework: Complete the intro page		Reassessed					
Assessment	Self- Assessment (SA)		SA Teacher formative assessment (TA)					

W/C	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	
Area of Study	Pac Man and Ghost \	Wood Investigation	Introd	ductory 3d Drawing Techni	Respond to Feedback and End of Term Test		
Core Learning	W8 Learn names and categ Plywood and MDF)     W8 Cut, drill and sand eithe one of 3 woods     W9 Cut, drill and sand a diff ghost) from a different wood     W9 Present the wood inves	er a Pac Man or ghost from ferent character (Pac Man or	W10 Identifying mistakes and     W10 Cross-hatching, shadin;     W10 Texturing cubes: pine     W11 Continuing isometric pr     W11 Identifying mistakes and     W11 Cross-hatching, shadin;     W11 Drawing other objects -     W12 Identifying isometric sha	W11 Continuing isometric projection: cylinders, cones and combinations with cuboids W11 Identifying mistakes and correcting misconceptions W11 Cross-hatching, shading and toning skills, using graphite and pencil colour on curved objects W11 Drawing other objects – letters and buildings W12 Identifying isometric shapes in everyday objects and learning how to deconstruct objects into 'crates' W12 Exploded drawings: drawing the trinket box			CHRISTMAS
Opportunitie s for Challenge	Work in all Homework: Keyword spellin Homework: Manufacturir	g and definitions for woods	Homework: Time given to r	Complexity of the drawin respond to teacher feedback Hom	Reassessed		
Assessment	Data Drop 1 based up interve			Teach	Teacher		

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### **Justice Term**

W/C	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	
Area of Study		Respond to Feedback and End of Term Test					
Core Learning	W14 Analysis of the brief: highlight     W14 Writing a product specificatior     W15 Introduction to Health and saf     W16 Designing the shape of the tri     W17 Planning the order of producti     W18 Introduction to marking out to     W18-22 Cutting natural woods and	Book Smart     Read Teacher feedback     Improve work     Respond to teacher feedback     (purple pen)     End of term keyword test	HALF TERM				
Opportunities for Challenge		Reassessed					
Assessment	Self-assessment using the Header Sheet ACs Teacher assessment using the Header Sheet ACs						

W/C	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	
Area of Study		Respond to Feedback and End of Term Test					
Core Learning	W18-22 Cutting natu     W21 Joining woods of the waste of the was	Book Smart     Read Teacher feedback     Improve work     Respond to teacher feedback (purple pen)     End of term keyword test	EASTER				
Opportunitie s for Challenge		Reassessed					
Assessment	Self-assessment using the Header Sheet ACs Teacher assessment using the Header Sheet ACs					Teacher	

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## **Courage Term**

W/C	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	
Area of Study	Metalwork	Metalwork 1 – Dog-Tag Metalwork 2 – Desk Tidy					
Core Learning	Standar     W26 Handling metal: buri     W26 Precise metal marki     W26 Cutting aluminium: r     W26 Shaping aluminium:     W26 Finishing processes	ing processes: hand tools machines and hand tools filling processes and letter stamps s: draw filing, wet/dry, Brasso methods: Notcher and Coping Saw	W28 Analysing a design brief a     W28 Ferrous vs non-ferrous m     W29 Metal surface treatments:     W29 Intermediate cutting techn     W30 Demonstration of metal pr     W30 Modelling design ideas ar     W30 Planning the order of man     W31-32 Making the desk tidy	cutter	HALFTERM		
Opportunitie s for Challenge	This is an FPT so accuracy is the only challenge here Homework 1: Metals keywords 1 Homework 2: Metalworking tools keywords 1 Homework 3: Metalworking processes keywords 2 Homework 3: Metalworking processes keywords 2						
Assessment		g the Header Sheet ACs ing the Header Sheet ACs		Self-assessment using Teacher assessment using	the Header Sheet ACs ng the Header Sheet ACs		

W/C	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	
Area of Study	Metalwork 2	2 – Desk Tidy	Design Cha	allenge: Why has it never been inv	Book Smart		
Core Learning	Designing and making W31-32 Completing the des W33 Costing, testing and ev W33 Client evaluation of the	aluating the desk tidy	<ul><li>W34 Exploring what a design c</li><li>W34 Explaining the Why has it</li></ul>	gn challenge and begin exploring the co nd specification ucts I a prototype	Ending the year	SUMMER	
Opportunitie s for Challenge	of stand Homework 1: Design like: M and Walt	vo metals, complexity of the ornament, inclusion of standard items k 1: Design like: Marcel Breuer, Gerrit Reitveld and Walter Gropius 2: Design like: Templier, Tiffany and Mackintosh  Complexity of the mechanism used in the card Use of graphic skills to produce a marketable product Homework 1: Why has it never been invented yet? Research Homework 2: Why has it never been invented yet? Designing Homework 3: Why has it never been invented yet? Prototyping					
Assessment		g the Header Sheet ACs ing the Header Sheet ACs		sessment using the Header She assessment using the Header Sh		n/a	