

Subject Long Term Plan Year 8 Design Technology 2021-22

Temperance Term

W/C	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	HALF TERM
Topic	Baseline Test – Brand Tag			Baseline Intervention		Sewing Techniques		
Core	Metalwork Brand Tag to gauge the retention level of Year 7 knowledge and accuracy with practical skills <ul style="list-style-type: none"> Review all aspects of the design process from Brief to Evaluation, focussing upon metal products Revisit metalworking skills/processes used for the dog-tag in Y7 Design booklet template used to record student outcomes Review of the 11 Assessment Criteria (AC) modelled on GCSE DT spec' Reaffirm how to use the DT Sketchbook and Book-Smart Introduce personalised design work 			Individual tasks for each student as identified in the assessment of the baseline <ul style="list-style-type: none"> Students use the TA of the <i>Brand Tag</i> baseline to improve their work, supported by small group teacher feedback Intervention activities focus upon improving the standard of the baseline test in conjunction with TA Re-assessment of student work by the teacher. This will be recorded on the DT tracker and used for Y8 data drop 1 		Introduction to hand sewing <ul style="list-style-type: none"> Differences between needle, pin, types of thread and safety considerations Threading a needle, starting and ending a stitch run Introduction to running, ladder and whipping stitches Making a basic hem and seam Sewing standard items: button, Velcro and popper QA – 8 stitches per inch. QC – identifying errors in sewn work; straightness, 8SPI, pitch of stitches etc Recording knowledge into the sketchbook 		
Challenge	By outcome as it is a baseline test Homework: Activities which deepen understanding of the design process and metalwork covered in the lesson. These could focus on keywords, investigations and/or practical tasks			Exemplars indicate High, Medium and Low Homework: Time given to respond to teacher feedback with a focus on meeting GCSE DT AC		Choosing the correct stitch for the job Homework: Cross stitch motif		
Assessment	Self- Assessment (SA)		Teacher formative assessment (TA)	Peer Feedback (PF) and Teacher verbal feedback (TVF)		Teacher verbal feedback (TVF)		

W/C	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	CHRISTMAS
Topic	Pocket Pouches			Hacky Sack			
Core	Textile process of making a simple fabric product and introduction to the sewing machine <ul style="list-style-type: none"> Making a simple pattern for a pouch using squared paper Hand sewn Pouch: developing seams and hems to make a basic pouch with a flap Hand sewing a button hole and button Machine sewing a pouch Recording knowledge into the sketchbook 			Enhancing fabrics <ul style="list-style-type: none"> Introduction to COSHH Tie dying Embellishing fabrics (decorative stitches, sewn motifs, applique, sequins...) Introduction to the sublimation printer Using a standard pattern for a hacky sack Personalising the fabric/embellishment of the hacky sack Fillings and environmental considerations (polystyrene, beans, rice) Recording knowledge into the sketchbook 			
Challenge	8 Stitches per inch. Accuracy of sewn lines by hand. QA and QC of products. Different settings for the sewing machine: button hole, stitch types and accuracy Homework 1-2: Keyword learning and assessment Homework 3-4: Why has it never been invented yet?			Marketable product which will last the wear and tear of being a hacky sack Homework 5-6: Time given to respond to teacher feedback			
Assessment	SA and TA			Client feedback			

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Justice Term

W/C	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	HALF TERM
Topic	Swag Bag						
Core	Full design process Interpreting a brief Designing fabric products Prototyping fabric bag products						
Challenge	Modification of a standard pattern to suit the needs of a client						
Assessment	SA and PA						

W/C	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	EASTER
Topic	Swag Bag						
Core	Working from own fabric patterns Independence with preparing, assembling and finishing a fabric bag Embellishment of the bag						
Challenge	Manufacturing a well made and bespoke bag for a real client						
Assessment	TVF throughout Summative assessment of the finished bag and design folder						

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Courage Term

W/C	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	HALF TERM
Topic	Pewter Pendant		Pandora Charm – Metal Clay		Jewellery Product		
Core	Introduction to casting metal Making moulds for casting Developing a pendant for a teenager		Introduction to semi precious clays Learning how to sculpture a pandora charm Introduction to the metal kiln Finishing fired metal clay products		Application of metalworking Design a bespoke piece of jewellery Making a metal jewellery piece		
Challenge	Combining pewter with acrylic		Detail and quality of the charm		Making a marketable product.		
Assessment	PA		SA		Client Feedback		

W/C	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	SUMMER
Topic	Rapid Prototyping			Design Challenge			
Core	Introduction to the lasercutter Introduction to 3 d printing Introduction to Card press			Creating a product which uses any of the material groups taught in Y7 and 8			
Challenge	Mastery of 2 or more rapid prototyping techniques to produce own items			Designing and manufacturing a marketable product			
Assessment	SA			Client Feedback			