

Year 9 Scheme of Work – Designing Jewellery (To last one full term)

Week	Activity	What is being taught	Differentiation
1	<ul style="list-style-type: none"> Complete Health & Safety Rules in workbook Demo how to use Tools and Equipment Safely Write Brief into workbooks 	<ul style="list-style-type: none"> How to work safely in the work shop Literacy skills- key words Using Tools and equipment 	Copy Health and Safety rules from the board Key words for tool on walls and worksheet
2	<ul style="list-style-type: none"> Demo how to present 2D design ideas on the page using graph paper Students produce 2D design Idea for Jewellery in work book Complete worksheet Research Task on Art Deco for homework 	<ul style="list-style-type: none"> Presentation skills Communicating ideas Names of tools 	Lower ability - Modelling good practice through examples of 2D design ideas Extension – design ideas in colour with annotation Key words for tool on walls and worksheet
3	<ul style="list-style-type: none"> Research Art Deco design movement and designers Demo how to present a research page 	<ul style="list-style-type: none"> Cultural capital Research Skills Independent learning Presentational skills 	Lower Ability- Demo examples of a good research page Extension- students will include additional detail (Key words, clear layout, full page, critical analysis)
4	<ul style="list-style-type: none"> Demo how to produce an Isometric Drawing of Jewellery using graph paper Students then produce their own Art Deco Isometric Drawing Complete for homework 	<ul style="list-style-type: none"> Design skills and creativity Presentation skills Communicating ideas 	Lower Ability- Samples of Isometric Drawings and Art Deco patterns available Extension task- students will produce a wide range of Art deco ideas that are annotated
5	<ul style="list-style-type: none"> Demo how to use/ draw Jewellery design on 2D design (CAD) Students then produce their design on 2D design and save to student saved work 	<ul style="list-style-type: none"> 2D Design (Line tool, Path Tool) Saving work to be cut out using the Laser Cutter 	Lower ability- will produce 'simpler geometric ' designs Extension task – to produce a wide range of Art Deco designs
6	<ul style="list-style-type: none"> Demo how the Technician then cut out their MDF moulds accurately using 	<ul style="list-style-type: none"> Practical skills- gluing small 	Demo how to work accurately using small detail

	the Laser Cutter- students are shown this process	pieces for mould <ul style="list-style-type: none"> Using equipment and tidying away afterwards 	
7	<ul style="list-style-type: none"> Demo Casting Process Show students how to cast metal using casting machine 	<ul style="list-style-type: none"> Casting hot metal using a mould 	Extension task- more confident students can attempt casting their own work
8	<ul style="list-style-type: none"> Students improve quality of finish using wet and dry paper Students drill hole in jewellery Students attach chain 	<ul style="list-style-type: none"> Finishing skills Quality control Using equipment and tidying away afterwards 	Lower ability- 1;1 support with practical task from teacher and technician Extension task- students will achieve a better quality outcome by spending more time on finishing
9	<ul style="list-style-type: none"> Use of Pillar drill to drill hole in Jewellery Students attach chain 	<ul style="list-style-type: none"> Demo how to use Pillar Drill safely 	Lower ability 1;1 support when using Pillar drill Extension task- more confident students use Pillar Drill independently
10	<ul style="list-style-type: none"> Designing Packaging for Jewellery 	<ul style="list-style-type: none"> How to price a product Designing skills Presentation skills Recycling Use of Barcodes 	Lower ability – templates provided for A5 packaging design Extension task- the packaging design will reflect the Art Deco pattern used for the Jewellery design
11	<ul style="list-style-type: none"> Vacuum Forming for plastic packaging 	<ul style="list-style-type: none"> Demo how to use the vacuum former safely Working as a team Marking out and cutting accurately 	Working in teams of 3, students use the Vacuum Former to complete their packaging
12	<ul style="list-style-type: none"> Assemble packaging and Jewellery Students photograph their work using the digital camera 	<ul style="list-style-type: none"> Practical skills Working accurately Using digital camera IT skills 	Lower ability- 1;1 support with practical task Extension task- working independently

<p>13</p>	<ul style="list-style-type: none"> • Students complete a written evaluation of their work and glue in picture of their work <p>Students complete Evaluation for homework</p>	<ul style="list-style-type: none"> • Literacy skills • Use of key technical words 	<p>Lower ability can use the Evaluation on the Power Point slide inserting correct key words</p> <p>Extension task- improve quality of presentation (use of key words, clear presentation, annotation and picture labelled</p>
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