

Core Skills Mapping SVQ 3 Jewellery and Silverware Manufacturing at SCQF Level 6

Unit Ref	Unit Title	SCQF Level	Communication			Numeracy				Information & Communication Technology				Problem Solving			Working with others	
			Reading & Understanding	Written	Speaking & listening	Using Numbers	Measuring	use graphical forms to find out information	use graphical forms to communicate information	Perform ICT Operations	Processing Information	Finding Information	Keeping Information Safe	Investigating	Planning & Solving	Checking & Evaluating	Work Cooperatively with other	Checking & Evaluating
Mandatory Units - All pathways																		
J3.1	Contribute to the maintenance and preparation of the jewellery or silversmithing workshop environment	6	5	/	5	/	/	/	/	/	/	/	/	4	4	4	5	5
J3.2	Produce jewellery, silverware or engraving from detailed drawings and specifications	6	5	/	5	5	5	5	/	/	/	/	/	5	5	5	5	5
J3.3	Mark out and measure materials for jewellery manufacture or silversmithing	6	5	/	5	5	5	5	/	/	/	/	/	5	5	5	5	5
J3.4	Demonstrate and apply an understanding of metallurgy to your jewellery or silversmithing work	7	5	5	5	5	/	/	/	/	/	/	/	5	5	5	5	5
J3.5	Saw and pierce jewellery or silverware components	6	4	/	4	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.13	Use mechanical methods of joining jewellery or silverware	7	4	/	4	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.22	Keep up to date with the jewellery industry, allied trades and related technologies	6	5	5	5	/	/	/	/	5	5	5	4	/	/	/	5	5
Mandatory Units Jewellery Manufacturing																		
J3.6	Form jewellery components	6	5	/	5	4	5	5	5	5	5	5	5	5	5	5	5	5
J3.9	Join jewellery components by soldering	7	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.14	Polish and finish jewellery or silverwork to a commercial standard	7	5	/	5	/	/	/	/	/	/	/	/	3	3	3	/	/
Optional Units Jewellery Manufacturing																		
J3.7	Produce rubber moulds for lost wax casting	6	5	/	5	4	/	/	/	/	/	/	/	5	5	5	5	5
J3.8	Produce components by wax casting	6	5	/	5	4	/	/	/	/	/	/	/	5	5	5	5	5
J3.12	Join silverware components by soldering	6	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.15	Produce CAD/CAM jewellery or silverware designs and prototypes	7	5	/	5	5	4	5	5	5	6	4	6	6	6	6	5	5
J3.16	Produce engraved surfaces	6	5	/	5	5	5	5	/	/	/	/	/	5	5	5	5	5
J3.18	Produce enamelled surfaces	7	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.19	Produce tools or jigs for use in the manufacturing process of jewellery or silversmithing	5	4	/	4	/	5	4	/	/	/	/	/	5	5	5	5	5
J3.20	Set gemstones by hand	6	5	/	5	3	5	/	/	/	/	/	/	5	5	5	5	5
J3.21	Carry out Electro-deposition on jewellery or silverware components	6	5	/	5	3	5	/	/	/	/	/	/	5	5	5	5	5
Mandatory Units Silverware Manufacturing																		
J3.10	Form silverware components	6	5	/	5	4	5	5	5	5	5	5	5	5	5	5	5	5
J3.12	Join silverware components by soldering	6	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
Optional Units Silverware Manufacturing																		
J3.7	Produce rubber moulds for lost wax casting	6	5	/	5	4	/	/	/	/	/	/	/	5	5	5	5	5
J3.8	Produce components by wax casting	6	5	/	5	4	/	/	/	/	/	/	/	5	5	5	5	5

J3.9	Join jewellery components by soldering	7	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5
J3.11	Produce spun silverware components	6	6	/	6	3	5	5	/	/	/	/	/	6	6	6	5	5
J3.14	Polish and finish jewellery or silverwork to a commercial standard	7	5	/	5	/	/	/	/	/	/	/	/	3	3	3	/	/
J3.15	Produce CAD/CAM jewellery or silverware designs and prototypes	7	5	/	5	5	4	5	/	5	6	4	6	6	6	6	5	5
J3.17	Produce chased items	6	5	/	5	5	/	5	/	/	/	/	/	5	5	5	5	5
J3.19	Produce tools or jigs for use in the manufacturing process of jewellery or silversmithing	7	4	/	4	/	5	4	/	/	/	/	/	5	5	5	5	5
J3.20	Set gemstones by hand	7	5	/	5	3	5	/	/	/	/	/	/	5	5	5	5	5
J3.21	Carry out Electro-deposition on jewellery or silverware components	5	5	/	5	3	5	/	/	/	/	/	/	5	5	5	5	5
J3.16	Produce engraved surfaces	6	5	/	5	5	5	5	/	/	/	/	/	5	5	5	5	5
J3.18	Produce enamelled surfaces	6	5	/	5	4	5	5	/	/	/	/	/	5	5	5	5	5