

D&T Department

Year 9

Topic: Pewter casting a personalised tag

Learning Journey

Prior learning: Various graphics used in Y7 projects.

Learning sequence – Personalised Tag – Casting							Endpoint
Main learning steps	Investigate logo design using a variety of approaches to generate create ideas. Homework Research task	Develop design ideas through simple overlapping shapes – natural forms – own style of personalized logo	Use card modelling to identify and solve their own design problems to help refine their ideas. (iterative design)	Demonstrate use of specialist techniques and process by creating a plaster mould by carving into plaster of paris.	Use blowtorch / brazing hearth to pour molten pewter into mould. Apply H&S rules to this for safe working. Homework The properties of materials	Use range of specialist tools – files, steel wool, wet and dry paper, polish to achieve a high quality finish.	Booklet completed. Product completed Evaluation Completed using peer feedback.
Assessment	Teacher feedback in booklet	Peer and teacher feedback in booklet	Peer and teacher feedback in booklet	Verbal feedback in lessons	Verbal feedback	Verbal feedback	Teacher feedback on project and Evaluation

Resources needed at home – internet access, basic drawing equipment including colouring pencils.

Parental support – visit the V&A Museum for inspiration

Where will we use these ideas again: Students opting for a GCSE in an ADT subject will need to use these skills.