

The Latimer Arts College Curriculum Year Overview

Subject: Design Technology (DT)

	Year 7	Year 8	Year 9	Year 10	Year 11
Term 1	<i>DT is delivered in a rotation. All students will study the following</i>	<i>DT is delivered in a rotation. All students will study the following</i>	AUTOMATA: Design/ Develop /WS skills MDF, Acrylic Paints, Safety THEORY: Core Principles MATERIALS: Plastics, Timber, Metals, Paper and Boards	CADCAM/DESIGN SKILLS Onshape/2D Design THEORY: Specialist Principles MATERIALS: Plastics, Timber, Metals, Paper and Boards	NEA: Initial ideas /modelling / research /evaluation RELEVANT THEORY: Specialist Principles 3
Term 2	Textiles (Emoji Keyring) Learning basic textile and sewing techniques by hand and machine to produce a keyring.	Textiles (Drawstring Bag) Learning fabric decoration techniques and more advanced hand and machine skills to manufacture a bag.	AUTOMATA: Making skills/ Finishing skills THEORY: Core Principles MATERIALS: Plastics, Timber, Metals, Paper and Boards	CAD/CAM DESIGN SKILLS: Onshape/2D Design THEORY: Specialist Principles MATERIALS: Revision and Quizzes	NEA: Development/cad RELEVANT THEORY: Specialist Principles 3
Term 3	Graphics Skills (Perspective) Rendering in different materials	Graphics (Book Cover and Phone Stand) Experience in CAD software 2d Design and Adobe Illustrator	COINSAFE: Designing within constraints. MDF Ply Acrylic. Designing and modelling card. THEORY: Core Principles MATERIALS: Plastics, Timber, Metals, Paper and Boards	NEA MOCK: Research/ Task analysis. Responding to theme/ target market /brief /spec/initial ideas THEORY: Specialist Principles 2 3 MATERIALS: Timber Specialism	NEA: Development /modelling / manufacturing/ testing/ user RELEVANT THEORY: Specialist Principles 3
Term 4	1 and 2 Point perspective Technical Drawings	Design a book cover and make an acrylic/vinyl phone holder	COINSAFE: Making, finishing in the style of De Stijl. Varnishing. THEORY: Specialist Principles 2	NEA MOCK: Initial /ideas /development / modelling THEORY: Specialist Principles 3 MATERIALS: Timber Specialism Exam Style tests	NEA: Manufacture/ evaluation RELEVANT THEORY: Specialist Principles 3
Term 5	DT CAD and Desk Tidy Acrylic Handle design MDF box desk tidy Acrylic Painting finishing techniques	DT (Money Box) MDF and Acrylic 2D CAD design skills	GADGET TIDY: Using card for modelling, MDF, foam board THEORY: Specialist Principles 2	NEA MOCK: Manufacturing/ Evaluation THEORY: Specialist Principles 3 MATERIALS Exam style tests	THEORY REVISION
Term 6			GADGET TIDY: Using card for modelling, MDF, foam board THEORY: Specialist Principles 2	NEA: Task exploration / Research/ Brief /Spec RELEVANT THEORY: Specialist Principles 3	