Year	Autumn 1 (Sept – Oct)	Autumn 2 (Nov – Dec)	Spring 1 (Jan – Feb)	Spring 2 (Feb – April)	Summer 1 (April – May)	Summer 2 (June – July)
7	Drawing Techniques: Oblique Isometric Rendering	Container & Pewter Casting Materials Theory: Timber Materials Theory: Metal	Felt Monster Materials Theory: Textiles	Felt Monster Materials Theory: Textiles Sustainability Key fob Theory	CAD CAM -2D design Laser Cutter Key fob	Systems and control RAE Programming Code and Rescue
8	**Drawing Techniques:** Oblique Isometric One-Point Two Point Rendering	**Electronic night light** Recap workshop H&S CAD CAM intro (2D design) Materials Theory: Polymers and timber *Assessment: End of unit test*	**Sustainability** Key fob Theory Drawing techniques	**Systems and control** RAE Programming Code and Rescue	**Ali-mals** Metal theory	**Ali-mals** Orthographic projection Paper theory
9	**Rotations:** Non-Examined Assessment: Addressing the needs of people with disabilities. Core Technical and Specialist Principles Theory			**GCSE Starts** Workshop intro Driving license Theory Electronic Night light Ali-mals Orthographic projection Systems and control-RAE Core Technical and Specialist Principles Theory	**USB unit** Modelling Sustainability Memphis clock Core Technical and Specialist Principles Theory	**Furniture** The work of others Designer unit Biomimicry Bridge challenge
10	Core Technical and Specialist Principles Theory Continuation of the Mini NEA Drawing techniques & Model making Orthographic projection USB Project CAD CAM Ali-mals	Batch Production Skills board Sustainability Memphis clock Core Technical and Specialist Principles Theory	Mini NEA Biomimicry Contextual challenge Systems and control-RAE Communication of ideas Core Technical and Specialist Principles Theory	Ali-mals Systems & control Biomimicry Exam prep Core Technical and Specialist Principles Theory	Mini practice NEA Core Technical and Specialist Principles Theory	NEA Core Technical and Specialist Principles Theory
11	Non-Examined Assessment (50% of total GCSE) Core Technical and Specialist Principles Theory	Non-Examined Assessment (50% of total GCSE) Core Technical and Specialist Principles Theory	Non-Examined Assessment (50% of total GCSE) Core Technical and Specialist Principles Theory	Core Technical and Specialist Principles Theory	Core Technical and Specialist Principles Theory Revision/Preparation for the Exam (50% of Total GCSE)	**Course Complete** **FINAL EXAMS**

Respect   Honesty   Compassion   Resilience   Industry   Courage