Curriculum Intent

Subject: Design and Technology
Year: 10

	What?	Why?	National Curriculum Links
	- Health & Safety rules with reasons - Names of tools & equipment, how to maintain and use them - Understanding of materials, properties and glues to use - Presentation skills with annotation - Production plans with stage-by-stage annotation - Joining materials - Marking out, cutting, wastage, gluing and finishing - CAD & CAM drawing - Primary user, stakeholders and clients - Ergonomics and anthropometric data	- Keeping students safe in the workshop with an understanding of why - Be able to choose own tools for a project and look after them correctly - Analysis of existing products for quality and understanding - Knowledge of material properties with an understanding of suitability - Developing quality sketching - Quality measuring and drawing to produce quality practical work - Quick modelling - Mathematical modelling (2d design) with industrial application - Understanding of human use and interaction with all products and how industry work this out - Understanding that all products are design for a person and reason	N/A