



Curriculum Intent

Subject: Design and Technology

Year: 9

	What?	Why?	National Curriculum Link
	<ul style="list-style-type: none"> • Health & Safety rules in the Design and Technology • Name of tools & equipment and what they are used for • Building knowledge of a range of materials and glues • Presentation techniques • Marking out, cutting, wastage, gluing and finishing • CAD & CAM understanding. 	<ul style="list-style-type: none"> • Keeping students safe when doing practical work • Be able to select tools & equipment 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 out of a cheap material • Mathematical modelling (2d design) with industrial application 	<ul style="list-style-type: none"> • N/A