

GCSE Engineering

Unit 2 Engineering Products Using Processes

Product _____

Specification	Shape, size, form
	Materials, parts, components
	Processes
	Quantity
	Time scale
Production Planning	Materials
	Processes
	Tools & Equipment
	Sequence of operations
	Scheduling
	Quality checks
	Health and Safety
Material Removal	Turning
	Milling
	Etching
	Grinding
	Drilling
Joining and Assembly	Crimping
	Soldering
	Brazing
	Welding
	Adhesion
	Wiring
	Threaded Fasteners
Forming	Hammering
	Casting
	Forging
Heat Treatment	Tempering
	Hardening
Chemical Treatment	Etching
	Plating
Surface Finishing	Polishing
	Coating
	Grinding
Quality Control	Dimensions
	Tolerances
	Finish
	Performance
	Quality
Tools & Equipment	CAD
	CAM
	Selection procedure
Health & Safety	Taking Care
	Personal protective equipment
	Carrying out Risk Assessments
	Following procedures
	Safe working practices and regulations
	Maintenance procedures

