

Tools / Machinery and Equipment

Marking Out: Chinagraph pencil OHP marker Pair of Compasses Steel rule Template Tri Square **Key Skills:** Drilling: Accuracy Cutting Pillar Drilling machine Drilling Twist Drill bits Measuring Wheel Hand Drill Shaping Wasting Work Holding: **Bench Hook Carpenters vice Engineers vice** G Cramp Machine Vice Spring Hand clamp

Designers **Design movements**

Health & Safety: Eye Protection – safety goggles / safety spectacles EN166 Use all guards on machinery Apron MUST be worn

Long hair tied back Only ONE person at a machine at any one time

Cutting: Coping Saw Hegner Saw Junior hacksaw

Pic of



Bandfacer / Linisher (sanding) Flat File Half Round file Round (Rat tail) file Strip Heater – line bending **Tools and Equipment link Technology Student** LINKS – Science:

Cordless / Battery powered drill Ecology Environmental Monomer Polvmer Renewable **Sustainable** LINKS - Mathematics: Addition Converting measurements - cm to mm



Subtraction Arc Circumference Diameter Radius Symmetry / Symmetrical

Division











