

HEALTH AND SAFETY

While none of the process or tools you will use are hugely dangerous please remember to use common sense and work carefully.

- Be aware of others in the workshops and have a clear and tidy working area
- Make sure you are wearing appropriate personal protective equipment – a minimum of apron and solid shoes. wear goggles, gloves, ear protection etc if required
- wear long hair tied back and remove jewellery
- Think before you make. where are the potential dangers?
- Take your time
- If you are unsure about how to use any of the equipment safely please ask.

ACTIVITY	DANGERS	TO KEEP SAFE
Handling sheet metal	Sharp edges Cuts and nicks	wear gloves if desired don't run your hands along the edges
Piercing out	Cuts from saw blade sharp edges	Cut away from your self Keep fingers away from the blade wear gloves if desired don't run your hands along the edges
Tin snips and cutting pliers	Cuts and pinches Sharp edges	Cut away from your self Keep fingers away from the cutting edges wear gloves if desired don't run your hands along the edges
Filing and hand sanding	Dust and residue Sharp Edges	File away from your self Don't touch eyes, nose or mouth with dirty hands – wearing goggles recommended wear gloves if desired don't run your hands along the edges
Motor polishing	Fast moving equipment Heat	Hold work in pliers or clamp if necessary Hole work below the horizontal line Don't loop your fingers into the piece The pieces will heat up quickly when polished – take rests to allow it to cool Ensure working area is clear and tidy
Rolling Mill	Trapping and crushing Moving machinery	Keep fingers away from moving rollers Be aware of anything which could become tangled in moving parts – eg long scarves / Long Hair
Bench Shear	Trapped fingers Crushing	Keep fingers well away from cutting area. Be aware of others in the workshops Replace safety bolt after use
Drill Press	Fast moving equipment Cuts and scrapes	Always use clamps to secure work Keep long hair and loose clothing Make sure long hair, loose clothing and jewellery is well away from moving parts. Wear google and apron
Stamping	Slipping	Make sure your workspace is clear and

and hammering	Striking your self or others	solid Be aware of who is around
Soldering	Heat Open flame Burns Fire	Prepare the work carefully use tweezers and clamps to hold work have work in place before the torch is lit be aware of who is around you be aware of the open flame quench work in water before touching
Pickling	Acids and chemicals	Use eye protection use only <u>plastic tweezers</u> when retrieving work rinse any splashes or drips immediately with fresh water
Drilling	Fast moving equipment Cuts and scrapes Burns	wear goggles and apron Clamp or secure work with tape or hold with pliers keep fingers well away from the drill bit make sure long hair, loose clothing or jewellery is away from any moving parts drilling can heat metal quickly - let it cool down if necessary
Enamelling powders	Powdered glass	Do not breath in the dust don't touch eyes or face before you have washed your hands make sure all loose powder is put back in th pots disposed of
Enamelling kiln	Heat Sharp edges - broken glass	Use fork to put work into the kiln Let work cool fully before quenching and handling Dispose of any broken or cracked work safely, or refire.
Barrel polishing	Moving parts chemicals	Keep hand free of moving parts wash work and hands thoroughly after use

**NOTTINGHAM
JEWELLERY SCHOOL**