

Equipment to materials mapping

All **external parts and materials must be shown to staff** before bringing in.

The table below is a guide to assist users in material selection before using the equipment in The Creator Space.

If the material you would like to use isn't listed, please ask a member of the team before sourcing.

Note that you may not bring external tools into the space and you may not remove tools from the space.

Lithium batteries are strictly prohibited unless explicit permission has been given by The Creator Space team.

Location	Area	Equipment name		
			Materials that CAN be used on this equipment	Banned materials
Both	General Maker	Hacksaw (300 mm)	Metals Plastics Timbers	Masonry
Both	General Maker	Hammer – claw	Metals Plastics Timbers	Masonry nails Cold chisels Another hammer
Both	General Maker	Side cutters	Electrical wire Electronic leads	Metals Plastics Screws Nails
Both	General Maker	Tin snips	Metal sheets	Wire
Both	General Maker	Drill (12 V, 18 V)	Metals Plastics Timbers	Composites Magnesium Masonry
Both	General Maker	Rotary multi-tool (12 V, 18 V)	Metals Plastics	Timber
Both	General Maker	Compact heat gun	Heat shrinks Plastics Paint	Metals Timber
Both	General Maker	Japanese Pull Saw	Plastics Timbers	Metals Masonry

Equipment to materials mapping

Location	Area	Equipment name		
			Materials that CAN be used on this equipment	Banned materials
Both	General Maker	Laser Cutter 100 & 400	MDF (0-6mm thickness) Acrylic (0-6mm thickness) Plywood (0-4mm thickness)	Marine plywood Metal PVC Vinyl, Faux Leather, Organic materials Composites Treated Pine
Both	General Maker	File	Metals Plastics Timbers	Hardened steel Glass Masonry
Both	General Maker	Sandpaper	Metals Plastics Timbers	Masonry
Both	General Maker	Coping saw	Metals Plastics Timbers	Masonry
Both	General Maker	Brad hammer	Metals Plastics Timbers	Masonry nails Cold chisels Another hammer
		3D Printer	PLA	All else (including your filament from home)
Both	Electronics	Wire strippers	Soft metal wire < 1 mm thick	All else
Both	Electronics	Hot air rework station	Solder Heat shrink tubing	All else
Both	Electronics	Soldering iron	Solder Heat set inserts	All else
Basement	CNC Machining	CNC Lathe	Aluminium Tooling Board	Composites Magnesium Brass/Copper Plastics other than engineering plastics

Equipment to materials mapping

Location	Area	Equipment name		
			Materials that CAN be used on this equipment	Banned materials
Basement	CNC Machining	CNC Mill	Aluminium Brass/Copper Acrylic/Plastics/Nylon Tooling Board	Composites Magnesium
Basement	CNC Machining	CNC Router	MDF Acrylic/Plastics/Styrene Plywood and Natural Timbers Tooling Board Clay	Composites Metals
Basement	Traditional Machining	Manual Lathe/ Mill	Mild Steel Aluminium Stainless Steel Brass/Copper Acrylic/Plastics/Nylon	Composites Magnesium
Basement	Metal Shop	Bench Grinder	Carbon Steel Stainless Steel	Non-Ferrous Metals (Aluminium, Brass, Copper, Lead, Zinc) Plastics Timbers Composites
Basement	Metal Shop	Ball pein hammer	Metals Plastics Timbers Cold chisels Punches	Other tools
Basement	Metal Shop	Cold Chisel	Metals	Timbers Plastics
Basement	Metal Shop	Linisher	Ferrous Metals such as Mild Steel Stainless Steel	Plastics Timbers Composites

Equipment to materials mapping

Location	Area	Equipment name		
			Materials that CAN be used on this equipment	Banned materials
Basement	Metal Shop	Pedestal Drill	Mild Steel Aluminium Stainless Steel Brass/Copper	Plastics Timbers Composites
Basement	Metal Shop	Metal Bandsaw	Mild Steel Aluminium Stainless Steel Brass/Copper	Plastics Timbers Composites
Basement	Metal Shop	Brobo Cold Saw	Mild Steel Aluminium Stainless Steel Brass/Copper	Timbers Composites
Basement	Metal Shop	Panbrake	Mild steel (0-1.5mm thickness) Aluminium (0-3mm thickness) Stainless Steel (0-1.2mm thickness)	Composites
Basement	Metal Shop	Guillotine	Mild Steel (0-4mm thickness) Aluminium (0-4mm thickness) Stainless Steel (0-2.5mm thickness)	Composites
Basement	Wood Shop	Pedestal Drill	MDF Acrylic/Plastics using suitable bits Plywood and natural Timbers Tooling Board	Metals Composites
Basement	Wood Shop	Mitre Saw	MDF Acrylic/Plastics using suitable bits Plywood and natural Timbers Tooling Board	Metals Composites

Equipment to materials mapping

Location	Area	Equipment name		
			Materials that CAN be used on this equipment	Banned materials
Basement	Wood Shop	Scroll Saw	MDF Plywood and natural Timbers Tooling Board Note All materials must be of even thickness 1-40mm thickness	Metals Composites
Basement	Wood Shop	Disc Sander	MDF Acrylic/Plastics Plywood and natural Timbers Tooling Board	Metals Composites
Basement	Wood Shop	Wood Vertical Bandsaw	MDF Acrylic/Plastics Plywood and natural Timbers Tooling Board	Metals Composites
Basement	Wood Shop	Table Saw Stop	MDF Acrylic/Plastics Plywood and natural Timbers Tooling Board	Metals Composites Wet or electrically conductive materials
Basement	Wood Shop	Wood Lathe	MDF Plywood and natural Timbers Tooling Board	Metals Composites
Basement	Vacuum Former	Vacuum Former	Thermoforming plastics such as ABS Acrylic PET Styrene's	Metals Composites