Digital Fabrication

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
Laser Cutter				
1	xTool P2 CO2 Laser (55W)	Cutting area 600 × 300 × 220 mm	Honeycomb panel, RA2 Pro, Automated Conveyer Feeder, Base Raier, Smoke Purifier, Screen Printing Tool	Xtool Creative Space
3D Printers				
1	Bambu Lab X1 Carbon with AMS Combo	Build volume: 256 × 256 × 256 mm (all)	Filaments stocked:w PLA, ABS, ASA, PETG, PC, TPU, Polysmooth	Bambu Lab Studio
2	Bambu Lab P1S	Build volume: 256 × 256 × 256 mm (all)	Filaments stocked: PLA, ABS, ASA, PETG, PC, TPU, Polysmooth	Bambu Lab Studio
Thermal Sticker Printer				
1	Munbyn Thermal Printer			

Cutting & Vinyl

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
1	Cricut Maker 3	Max cut speed: 28.7 cm/s	Bluetooth & USB	Cricut Design Space
1	Brother Scan N Cut SDX1000	Standalone cutting machine		Brother Canvas Workspace

Textile & Fibre Arts

Qty	Equipment	Specifications / Features	Materials / Consumable	Software
Sewing Machines				
1	Brother GS2520	Full set of feet, scissors, needles, bobbins, pedal, pins, tape measure, etc.		
1	Brother GS3700	Full set of feet, scissors, needles, bobbins, pedal, pins, tape measure, etc.		
1	Overlocker	Includes accessories and consumables		
Embroidery				
	Embroidery Supplies	Hoops and a wide range of embroidery thread		
Knitting & Crochet				
	Various needle sizes and a large supply of 8 ply yarn (synthetic and natural)			

Workshop Tools

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
1	Drill Press Bosch model			
1	Bandsaw Metabo BAS 261			
1	Belt Sander Detroit Masters 375W			
1	Disc Sander			
1	Scroll Saw			
1	Workbench	Electric height adjustable | Size: 2400 x 1200mm | 300kg capacity		
1	Ryobi Drill *Battery-Operated*			
1	Ryobi Glue Guns *Battery-Operated*			
1	Ryobi Mouse Sander *Battery-Operated*			
1	Ryobi Jigsaw *Battery-Operated*			
1	Ryobi Multi Tool *Battery-Operated*			
1	Ryobi Staple Gun *Battery-Operated*			
1	Ryobi Heat Gun *Battery-Operated*			

Workshop Tools

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
Metalworking Tools				
1	3-in-1 Metalworking System	305 × 1.0mm – Includes Brake Press, Slip Roller & Guillotine		
	Ring Roller			
	Metalworking Mangle			
Electronics & Circuitry				
	Soldering Station			
	De-soldering Station			
	Electronic Equipment	Includes: DSO, Signal Generator, DMM, Variable Power Supply		
	Microcontrollers & IoT Components	Includes: ESP32, Arduino, Raspberry Pi, sensors, basic components		
Specialist Tools & Accessories				
	Pyrography Tool			
	Heat Guns (x3)			
	Rotary Engraving Tool			
	Hotwire Cutter – For styrofoam			
	Screen-Printing Add-on – for xTool P2 laser cutter			

Workshop Tools

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
Computers & AV Equipment				
1	PCs 2x Windows desktops for design or equipment use			
	VHS to Digital Transfer	Elgato VHS Capture Device		
Creative Supplies				
	A3 Laminator	BYO lamination sheets		
	Paint & Brushes	Acrylic + fabric paints		
	General Art Supplies	Includes stationery, markers, and more		
Safety Gear & PPE				
	Gloves			
	Safety Glasses			
	Hearing Protection			
	Face Masks			

Software Tools & Links

Qty	Equipment	Specifications / Features	Materials / Consumables	Software
Vinyl Cutting				
	Cricut Design Space	cricut.com/en-au/apps	For Cricut Maker 3	
	Brother Canvas Workspace	canvasworkspace.brother.com/en	For Brother Scan N Cut	
	Inkscape	inkscape.org/	Free vector graphic editor for custom SVG files (great for both Cricut & Brother)	
3D Printing				
	Bambu Lab Studio	bambulab.com/en-au/download/studio	For slicing and managing prints on Bambu Lab 3D printers	
	Blender	www.blender.org/	Advanced 3D modelling and sculpting software	
Laser Cutting				
	Xtool Creative Space	www.xtool.com/pages/software	For use with xTool P2 Laser Cutter	

Software Tools & Links

Vector graphic design

Inkscape	inkscape.org

Digital painting and illustration

Krita	krita.org/en/

Quick image viewing and simple editing

IrfanView	www.irfanview.com

Image editing (like Photoshop)

GIMP	www.gimp.org

Audio recording and editing

Audacity	www.audacityteam.org

Video recording and live streaming

OBS Studio	obsproject.com