

ALL CREATIVE STUDIOS EQUIPMENT & SMALL TOOLS LIST

Textiles & Fashion Studio

Fashion Zone – (Garment Construction and Stitch)

- **Cutting Table with Fabric Storage**
- **144" x 60" Self-Healing Cutting Mat with Grid 144" x 60"**
- **Full Length Mirror**
- **Steam Iron Station 6000IS,**
- **Vacuum Board 6200VB**
- **Garment Steamer 550GC**
- **2x Industrial Single Needle, Lockstitch, Drop Feed Sewing Machine 3100SD.**
- **Industrial 3-4 Thread Serger 5400S0**
- **Industrial Single Needle Lockstitch, Walking Foot Sewing machine 4200SW.**
- **2x Domestic Bernina 330 Sewing Machine with a selection of feet.**

Dress Forms available:

- **Male Full Form 40" Chest**
- **Male Half Form 40" Chest**
- **Women's Full Form Size 6**
- **Women's Half Form Size 6**
- **Right Arm Women's Size 6**
- **Women's Full Form Size 12**
- **Children's Size 18 months**
- **Children's Size 8 Years**

Textiles Zone – Silk-Screen Printing

- **Silk-Screen Print Table - 15' x 60".**
- **Screen Exposure System: Prolight 2 Direct Contact Vacuum Frame Exposure Unit with Nuark Light.**
- **Flowmatic Pressure Washer System**
- **M-10F Filtration System EBAC De-humidifier**
- **Vertical Jacquard Steamer.**
- **Selection of Silk screens in 3 sizes stretched with 110 mesh:**
 - 6x14" x 20"
 - 20x23" x 31"
 - 4x35" x 55"

Small Tools:

- **3x Screen coaters 3 sizes to complement screens**
- **3 sizes of Squeegee to complement screens**
- Cleaning brushes for silk-screens
- 2x Full Face shield
- 4x Chemical gloves
- 5x Chemical Aprons
- 6x Half Face Respirators with appropriate filters
- **1x Rowenta Domestic Iron**
- **2x Floor Fans**
- **2x Table-top fan Heaters**
- **2x Hairdryers**

Textiles Zone - Dye Kitchen

- **1x Regal Series Double Gas Stove**
- **1x Sentry Air Hawk 30 Chemical Mixing box.**
- **1x Industrial Front Loading Washing Machine.**
- **1x Industrial Front Loading Dryer.**
- **1x Microwave**
- **Fridge**

Small Tools:

- **Selection of gallon stock pots**
- 2x Heat Gloves
- 6x Safety Glasses
- 3x Waste pails
- 3x General Pails
- **Beakers – selection of sizes – glass and plastic**
- 15x Small storage canisters
- 2xTongs
- Spoons and Spatula's various sizes
- 6x Thermometers
- Set of Measuring Cups
- Set of Stainless Steel Funnels
- 2x Cuisinart mixers
- 2xCuisin Art Smartstick

Textiles Zone - Knit

Domestic Knit Machines:

- **Silver Reed SK860/SR 860 Domestic Knit Machine with Ribber – Mid-Gauge**
- **Silver Reed SK 840/SRP 60N Domestic Knit Machine with Ribber – Standard Gauge**
- **2x Lenova laptops with Designer Knit 8 software (attach to Domestic Knit machines) Lace carriage for Standard Gauge**
- Intarsia carriage for Standard Gauge
- **1x Singer Memomatic 360 manual punch card machine**
- **Passap E8000 Computerised Automatic Knit Machine**

- **1x Dell Desktop with Designer Knit 8 software attached to Passap**
- **Domestic Hague Manual Linker**

Small Tools:

Claw Weights
Cast-on
Combs
Transfer Tools

Textiles Zone - Weave

- **Nilus II Jack Floor Loom – 45” Weaving Width.**
- Weaving Bench with bench bags
- **TC2 Jacquard Loom with pump**

Small Tools Loom Weaving:

Reed 45" 8-Dent Carbon
Reed 45" 10-Dent Carbon
Reed 45" 12-Dent Carbon
Reed 45" 15-Dent Carbon
Reed 45" 16-Dent Stainless
Reed 45" 18-dent Stainless
Reed 45" 20-Dent Stainless
Reed 45" 25-dent Stainless
Raddle 45"
4 Slim Boat Shuttle-Open Bottom
6x 12" End Delivery Shuttles
6" Pirns for End Delivery Shuttles
6x 11" Slim Open Boat Shuttles
6 Lease Stick 45"

Floor Warping Mill

Electric Bobbin Winder

Double End Bobbin Rack with
Thread Guide Cone Holder
Plastic Bobbins 4"
Bobbin "Spool" 4" Styrene
Flat Shuttle 28
Wooden Temple 36" - 60"

Studio Storage:

3x Locker Units
4x Under bench Rolling Bins for consumable storage
Selection of Transparent Bins for Consumable storage

Fine Metals and Jewellery Studio

Studio Equipment:

- **Rolling Mill**
- **Laser Welder**
- **Hydraulic Press**
- **Sand Blaster**
- **Bead Blaster**
- **Rectifier**
- **Rotary Tumbler**
- **Magnetic Tumbler**
- **Drill Press**
- **Bench top Sheers**
- **Vulcanizer**
- **Wax Injector**
- **Metal Lathe**
- **Grinder**
- **Polishing Lathe**

Bench Tools:

- Saw frames
- Hand Files
- Needle Files
- **Foredom Flexible shafts at each bench (x 10)**
- Centre Punches
- Measuring tools including Vernier Gauges, Set Squares, Ring Mandrels and Dividers
- Ring holders
- Pliers
- Steel Blocks

Hot Room Equipment:

- **Casting Torch**
- **2x Jeweller's Torch**
- **Kaya Cast Vacuum Casting**
- **Kiln**
- Electric Melter
- Steamer
- Ultrasonic Cleaner

Soldering and Annealing Station:

Assortment of soldering and annealing surfaces including charcoal blocks, tripods, and honeycomb ceramic

Forming Tools:

- Selection of Hammers
- Selection of Mallets
- Mandrels
- **Anvil**
- Dapping Blocks

Digital Fabrication Studio

Equipment:

- **4x XPS 27 All-in-One desktops**
- **2x Creality FFF 3D printer**
- **Lulzbot Taz 6 FFF 3D printer**
- **2x Prusa I3 MK3 FFF 3D printer**
- **2x Ultimaker 3 FFF 3D printer**
- **Raised 3D FFF 3D printer**
- **2x FormLabs Form2 SLA 3D printer**
- **Epilog Fusion M2 40"x28" laser cutter**
- **Formech vacuum former**
- **GCC 51" vinyl cutter**

Small Tools:

Deburring tool set

Support removal scrapers

sprue cutters

stiff scraper

vise grips

spring clamp set

Dremel + accessories

Hobby file set

Digital scale

paper cutters

Processing bins for resin prints

Woodworking Studio

Equipment:

- **Table Saw – 5hp SawStop cabinet saw with 5ft rip capacity**
- **Inline router table with dedicated 3hp spindle, ¼” and ½” collets**
- **12” Sliding Miter Saw**
- **Laguna 14” Band Saw with 12” re-saw capacity**
- **Laguna Stationary Belt/Disc Sander (not disk sander)**
- **15” Thickness Planer**
- **4’x4’ CNC Router with 5-tool automatic tool changer and 6” total Z-travel**
- **Drill Press**

Small Tools:

router bit sets

Jigsaw**Oscillating / Palm Sander**

Plunge Router

Circular Saw

Handheld Drills**Handheld Drivers****Nail Gun**

Measuring Tapes

Straight Edge

Framing Square

Combo Square

Set Square, T-Square

Torpedo Level

Digital Calipers

stud finder

Heat guns

Digital angle finder

Shop vacuums

Portable air compressor

Machinist square

Hammers & mallets

Socket sets

Files

Torx key set

Tap & die set

Pliers

Box cutters

Pen knives

Hacksaws

End-cutting nipper

Adjustable wrench set

Scrapers

Rubber roller

Glue guns

Vices

Staple guns

C-clamps

Chisel set

Vice clamps

Corner clamps

Cinch straps

Spring clamps

Drill sets

Screw drivers

Pocket hole jig

scribers

Safety goggles

Ear protection

Respirators

Work gloves

Electronics Studio

Equipment:

2x Dell Latitude 3590 BTX laptops

Voltera V-One PCB printer

3x Soldering Iron with Temperature Control

Fume Extractors for Soldering

LED General Work light with Magnifier

Task Lamp

Hot Air Rework Pencil Station

Function Generator

Digital Oscilloscope

Dual Electrical Multi-meter

20 Mhz Function Generator

100 MHz Digital Storage Oscilloscope

AC Voltage Detector

Adafruit MetroX Classic Kit

Arduino Starter Kits

Small Tools:

Wire Cutters

Pliers

Driver sets

Third-Hand Soldering

Vise Wire Strippers

Magnification Opti-Visor

Utility Knife

Alligator Clips

Glue Gun

De-soldering suction wands

Solderless Breadboards

Anti-static Work Mats for Assembly & Soldering

Cutting Mats

Horse Hair Cleaning

Brush PVC Hook-up Wire

Kits Heat Shrink Tubing

Kit Banana to Alligator

Clips Wire Crimpers

3-in-1 Self Adjusting Wire Strippers

Safety Glasses

ESD Bracelets