

## **EQUIPMENT AND FACILITIES**

The following equipment and facilities are available to participants on the scheme. If you have any specific queries regarding the facilities listed, please contact us for more information.

Booking arrangements and induction meetings will be necessary for all workshop areas.

### **Computer suites**

- Adobe creative software in computer suites
- 2D and 3D CAD supported by industry standard software for solid and surface modelling, digital manufacture, rendering and visualisation.

### **3D workshops**

- 3D printing (ABS)
- Small format laser engraver and cutter
- Heavy metal braising
- Model making
- Mould making, glass fibre, resin work, silicone moulding, Jesmonite, modelling foam.
- Painting and finishing
- Plastic: Vac forming, line bender.
- Wood: CNC Machine, Laminating and steam bending, planer/thicknesser, bandsaw, wood turning lathe, pillar drill
- Ceramics: potter's wheel, pugmills, electric kilns
- Metalworking: Plasma cutter, MIG and spot-welding braising/forge hearth, rolling, lathes. Milling machine, pillar drill, cut-off saw

### **Red Shed workshops and studios**

- Cornelly stitch machine
- Digital print and heat transfer printing
- Stoll knitting machine
- Large format laser
- Dye lab
- Industrial overlockers (4 thread and 5 thread)
- Pattern cutting tables
- Industrial Steam irons
- In house fabric and yarn store
- Knitting machines (electric and Dubied)
- Large bed Laser engraver and cutter
- Mono print
- Screen printing
- Domestic and industrial sewing machines
- Surface stitch machines
- Tufting gun
- Traditional etching, including acid etching
- Wood block and letter press printing
- Western press
- Garment press
- Mannequins
- Heat presses

### **Library**

- Reference facilities

**Media Resources**

- Editing suites
- Audio suites

**Photography**

- Photographic studio
- B/W darkroom
- Scanning suite
- Digital suite

**Other facilities**

- Spray booths

**Please note that the cost of any materials required will need to be covered by the artists / designer-makers.**