

## **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 (FDM)
- small format laser engraver and cutter
- Heavy metal and fine metal
- Model making
- Mould making: plaster, sand investment, ceramic shell, glass fibre, resin work, vacuum forming, silicone moulding, Jesmonite, modelling foam
- Painting and finishing
- Plastics
- Wood: Laminating and steam bending, planer/thicknesser,
- Ceramics: wheels, pugmills, electric kilns
- Metalworking: arc, MIG and spot welding braising machines, bandsaws, spinning, rolling, lathes.
- Metal casting: foundry, pewter, aluminium, lost wax
- Wood turning

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

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

- Light box

#### **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.**