

DT - Resistant Materials

Materials

Softwood Pine

Birch faced Plywood

MDF - Medium Density Fiberboard

PVA – Polyvinyl Acetate



Finishes

Panel pins

Brass Hinges

Natural wax



The Design Process

Research and Investigate

Drawing Techniques

Design Ideas

Marking out

Manufacturing

Quality Control

Testing and Evaluation



Health and Safety

The workshop rules must be followed.

- Safety Glasses
- Protective Clothing
- Hair Tied Back
- Tools and equipment training.



Correctly, safely and independently.

Key words and Vocabulary

Function, form, ergonomic, anthropometric, size, scale, proportion, user, consumer, client, iterative, evaluation, manufacturing, tolerance.

Pupils will need to articulate their process using key words and technical vocabulary.



Tools and Equipment

- Coping Saw
- Tri Square
- Steel Rule
- G - Clamp
- Tenon Saw
- Wood chisel
- Wooden Mallet
- Marking Gauge



Range of Joints

Box Joint



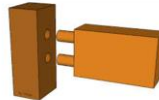
Biscuit Joint



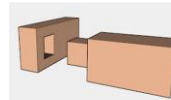
Housing Joint



Dowel Joint



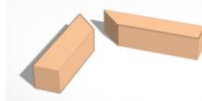
Mortise and Tenon Joint



Butt Joint



Mitre Joint



Dovetail Joint

