

# DT - Resistant Materials

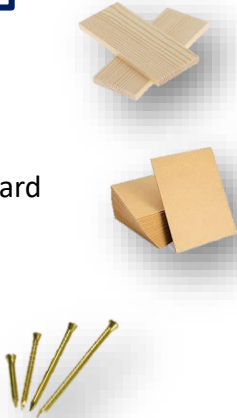
## Materials

Softwood Pine

MDF - Medium Density Fiberboard

PVA – Polyvinyl Acetate

Panel pins



## Finishes

Water Colours

Wax



## The Design Process

Task Analysis  
 Research and Investigate.  
 Drawing Techniques.  
 Design Ideas.  
 Manufacturing.  
 CAD CAM  
 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.

Protective clothing must be worn



Correctly, safely and independently.



## Key words and Vocabulary

Design, Product Analysis, Annotate, Develop, Manufacture, CAD (Computer Aided Design, CAM( Computer Aided Manufacture) , Quality Control.

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



## Tools and Equipment

- Tenon Saw
- Hand File
- Sandpaper
- Jigs
- Router
- Pin Hammer
- Centre Punch
- G - Clamp
- Laser Cutter



## Client Profile –Theme

- Target Market.
- Users wants and needs.



## CAD CAM

- Accuracy
- Quality
- Consistent
- Mass production.

