

# HARDWOODS

Hardwoods come from broad-leaved, deciduous trees.

## Tools used for wood



Tri-Square



Tenon Saw



Coping Saw



Bastard File



Marking Knife



Smoothing Plane



What are each of these tools used for?

## TYPES OF HARDWOOD

ash, beech, birch, cherry, elm, mahogany, oak, sapele and teak.

# SOFTWOODS

Softwoods come from coniferous trees which are evergreen, needle-leaved, cone-bearing trees, such as cedar, fir and pine

## Processing wood for use in manufacture

### Stage 1 - Tree Felling



### Stage 2 - Storage



### Stage 3 - To Sawmill



### Stage 4 - Rough Sawing



### Stage 5 - Seasoning



### Stage 6 - Cutting to Size



### Stage 7 - Manufacturing



## TYPES OF SOFTWOOD

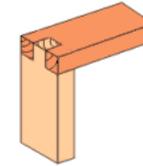
cedar, fir, pine and spruce.

# MANUFACTURED BOARDS

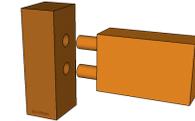
Manufactured boards are timber sheets which are produced by gluing wood layers or wood fibres together.

Manufactured boards often made use of waste wood materials.

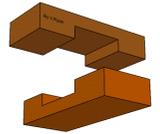
## Wood joints



Finger Joint



Dowel Joint



Cross Halving Joint



Dovetail Joint

Wood joints are used to secure two or more pieces of wood together. This is the strongest way to join wood.

## Wood adhesives



Wood glue is the most common way of joining two pieces of wood together. It is also known as PVA (Polyvinyl acetate).

## TYPES OF MANUFACTURED BOARD

plywood, chipboard, blockboard, medium density fibreboard (MDF), and hardboard.