

## Softwoods

Softwoods come from coniferous trees which have needles instead of leaves. Softwoods grow faster than hardwoods and so are cheaper they are also easier to work with as they are softer than hardwoods

### Scots pine

Used for DIY and cheap quality furniture. Mainly used for constructional work and simple joinery



### Cedar

Cedar is widely used for and outdoors it contains natural oils which helps it repel moisture and humidity,



### Red wood

Used for general woodwork, cupboards, shelves, roofs



# Woods

## Hardwoods

Hardwoods come from deciduous or broad-leaved trees. They are generally slow growing which tends to make them harder and more expensive. Also less sustainable to use.



### Oak

Used for high class furniture, boats, beams used in buildings, veneers



### Mahogany

Used for expensive indoor furniture, shop fittings, bars, veneers



### Balsa

Used for light work such as model making and model airplane construction



# Tools and Equipment

## Tenon Saw



Chisel



Bench Hook



Woodwork Vice



Try Square



Coping Saw

## Year 8 Knowledge organiser



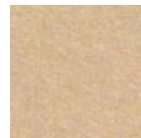
# Wood Project



## Manufactured Boards

Manufactured boards are timber sheets which are produced by gluing wood layers or wood fibres together. Manufactured boards have been developed mainly for industrial production as they can be made in very large sheets of consistent quality.

**MDF** - Smooth, even surface. Easily machined and painted or stained. Also available in water and fire resistant forms. A manufactured board.



**Plywood** - A very strong board which is constructed of layers of veneer or piles which are glued at 90 degrees to each other. Interior and exterior grades are available. A manufactured board.



**Chipboard** - Made from chips of wood glued together. Usually veneered or covered in plastic laminate. A manufactured board



# Manufacturing

Pillar Drill



Scroll saw



Drill Bit



Counter Sink



## Joining material

