

Families of Wood

Softwood

Coniferous / Evergreen

Needles

Cone Producing

Fast Growing

Widely Spaced Grain

Easier to cut and work

Pine (Straight-grained, easy to work with, cheap and readily available.)

Larch (generally straight or spiralled grained, high resin content)

Spruce (Hard knots. Not very durable)



Softwoods can be managed sustainably **AQA**

Families of Wood

Hardwood

Deciduous

Large leaves, lost in winter

Slow Growing

Denser Grain

Harder but strong & even

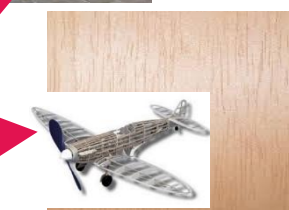
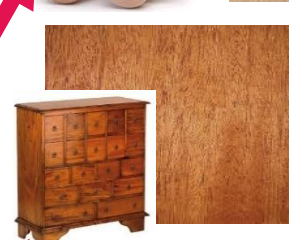
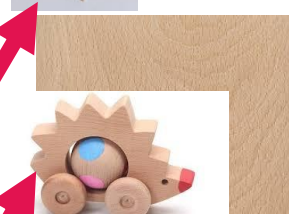
Ash (Tough, flexible)

Beech (White, Hard, tough, strong)

Mahogany (Deep red colour, durable)

Oak (Hard, tough, Pale)

Balsa (high strength to weight ratio)



Families of Wood

Manufactured Boards

Made of softwoods or hardwoods that have been industrially reconstituted

Only available in large flat boards

Made to be inexpensive (Chipboard)

or to improve the strength (plywood)

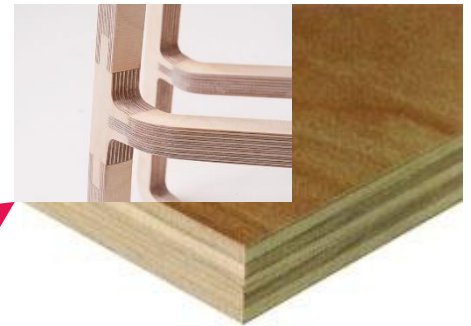
No Grain Direction

Can be manufactured out of **recycled wood**

MDF (wood fibres glued into boards)

Plywood (laminated veneers (layers) of thin wood)

Chipboard (cheap rough glued woodchips)



Manufactured boards are not always **recycled**, but *can* be