

Design & Technology Knowledge organiser : Timbers



FSCs "tick tree" logo is used to indicate that products are certified under the FSC system.

SOFTWOODS

Coniferous:
 Trees stay evergreen all year round.
 -Grow at a faster rate.
 - Tend to have needles rather than leaves.



HARDWOODS



Deciduous:
 Trees will lose their leaves in winter.
 -Hardwood trees tend to be slow growing broad leafed trees.
 - Will produce fruit or produce with a shell.

PINE

used in household furniture

CEDAR

used for outdoor furniture

Beech	Hard wearing and strong	Fruit Bowl
Oak	Tough and durable	Garden furniture
Mahogany	Durable and easy to work with	Pianos and furniture
Teak	Strong, durable, resistant to moisture	Boats

Manufactured Boards



manufacture

/manju' faktʃə/

verb

1. make (something) on a large scale using machinery. "firms who manufacture ball bearings"

MDF - stands for Medium Density Fibreboard.

a high quality board made by pulping wood fibres and then compressing them greatly. It is very smooth and stable, it cuts well and is used in high quality furniture.

- Easy to work with
- Stable and uniform strength

Plywood

Plywood is made by gluing together thin layers of wood called veneers. Each layer has the grain going across the one below. This makes it very flat and strong. It is used for toys, interior doors and bottoms of drawers.

- Veneers glued at 90 degrees
- Very flat and strong
- Used in Toys and interior doors