Foxford Learning Plan

YEAR: 10

Topic 1: Timbers

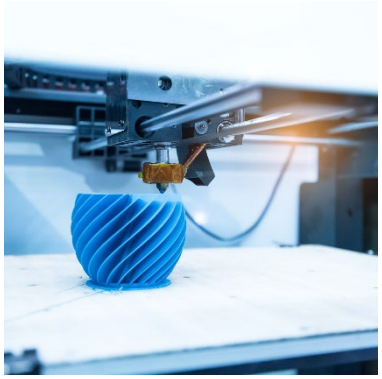
Autumn Term

Key Vocabulary

Hardwoods	Hardwoods come from deciduous trees. They have broad leaves that fall from the tree in the autumn and winter
Softwoods	Softwoods come from coniferous trees. They have needle-like leaves and are evergreen (the leaves don't fall off)
Manufactured Boards	Boards that are made in factories, often from offcuts and scrap timbers
Grain	The stripes on a piece of wood
Plywood	A manufactured board made in layers. The layers make it strong in all directions
Pine	A common softwood. It is used for joinery work and is yellowy-brown in colour
Sustainability	The impact the use of a material has on the future
Veneer	A paper-thin layer of wood, often used on the surface of a manufactured board to improve the aesthetics

Key Skills

Over the course of the topic, I will be able
Work safely and accurately with a range of hand and machine tools
Identify common hardwoods, softwoods and manufactured boards and their state their common uses
Select and use hand tools to accurately mark out and cut finger joints
Use veneers to increase the aesthetics of a product
Combine a range of common timber-based materials to manufacture a functional item



I will understand:

1. The importance selecting the correct pieces of equipment for a given practical task
2. The differences and key characteristics of a range of hardwoods, softwoods and manufactured boards
3. How and why veneers are used when designing and manufacturing products
4. Why wood joints are used when constructing products from timbers
5. How and why different finishes are used on timbers