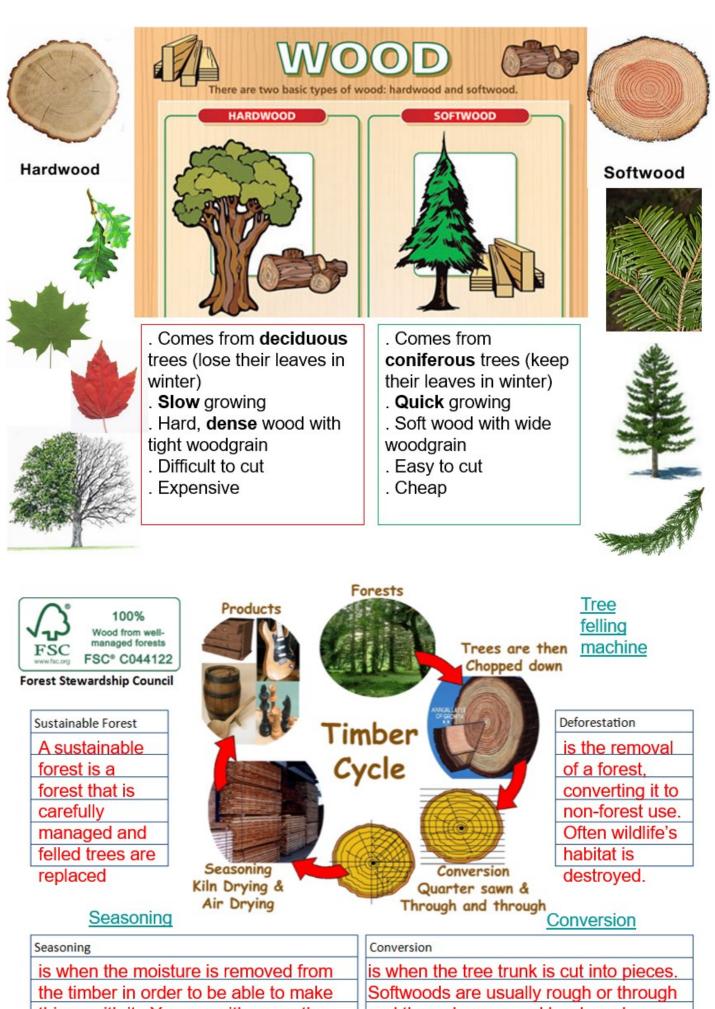
Design Technology Revision sheet booklet

Subject contents covered in Year 7



things with it. You can either use the air drying or kiln drying process.

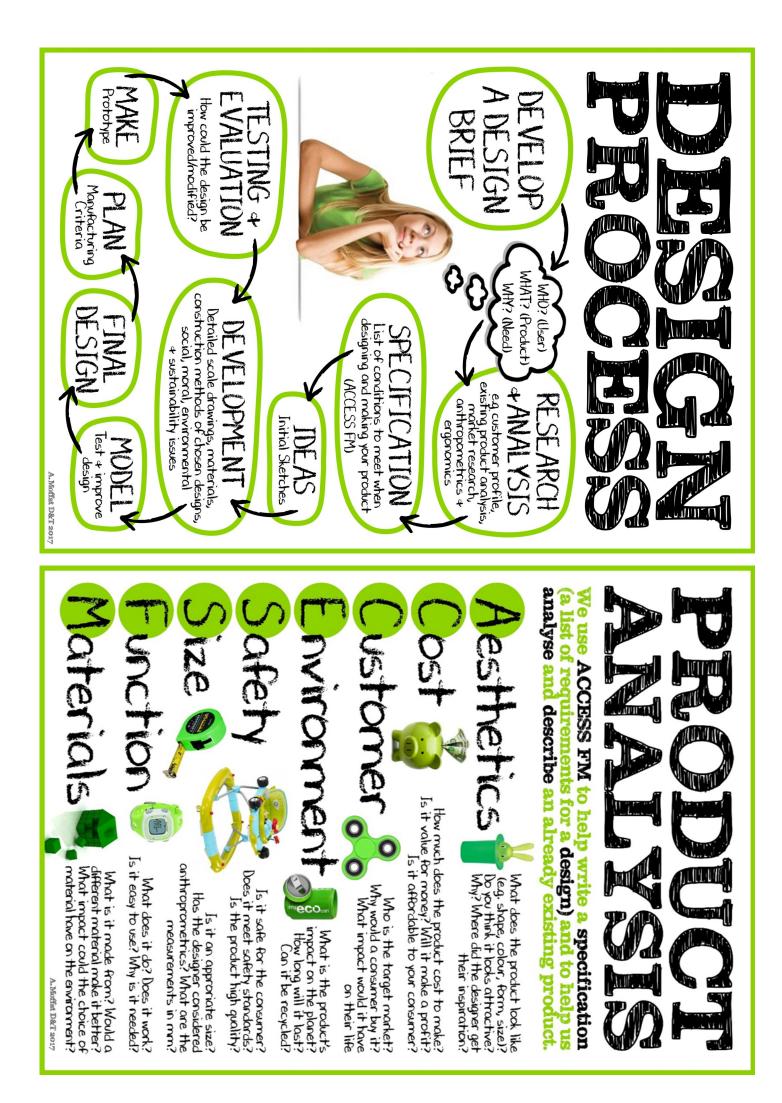
and through sawn and hardwoods are quarter sawn for a better looking grain.



Know your tools and equipment

Tools	Use	Safety points
	Sawing curves in wood	Could cut your finger Blade gets hot from friction
	Making metal, plastic and wood smoother	Heavy metal would hurt if dropped onto your foot
	Drilling holes in a range of materials	Goggles to be worn Hands away from drill/ sander
	Making plastic and wood smoother	Tie loose hair/clothing Secure the material Have the Guard on.

Friendly Re-moulded	Neoprene is soft and bendy therefore is considered to beMalleable
Environmentally Coloured	Acrylic can be heated and <u>Re-moulded</u> to make other products.
Malleahle Cafe	from recycled wood.
KEY WORDS	MDF is considered Environmentally Friendly as it is made
	Neoprene is a form of thermoset plastic so it cannot be recycled. It comes in a range of forms and colours and is often used in fashion as it is soft and comfortable as well as waterproof. If neoprene burns, it lets off toxic fumes.
	Acrylic plastic is a manmade material which comes from oil. It is a thermoplastic so it can be recycled and remoulded numerous times. It comes in a range of forms and colours and often replaces glass. It is waterproof and light shines through it.
	MDF (Medium-density fibreboard) is a <u>man made</u> board wood made from saw dust and glue and forming sheets by applying high temperature and pressure. MDF good for the environment, easy to work with but shouldn't be used outside as it soaks up water. MDF products are usually painted to protect it and to make it look nicer.
Furniture, Doors, wooden toys	Pine - Pine is a type of natural wood. It is soft and easy to cut and shape. It is light in colour and can be painted and varnished.
3 Example products	Materials
³ owerPoint complete the descriptions sentences below using the key words.	The materials we will be using can be found below, using the information from the PowerPoint complete the descriptions and think of 3 examples of products made from the 3 materials. Also complete the sentences below using the key words.
	Research— Material Properties



Finishes are added to woods to protect them from rotting and insects, to make them last longer and to make them look nicer. These finishes can be applied with a cloth, brush or a spray.



