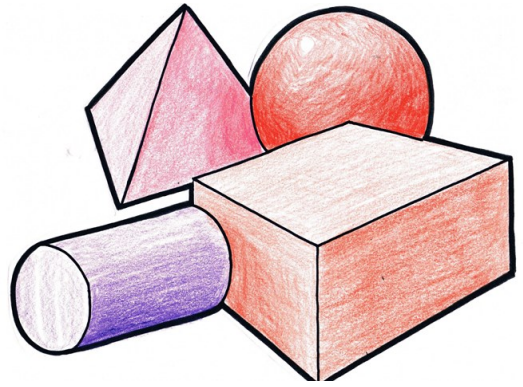
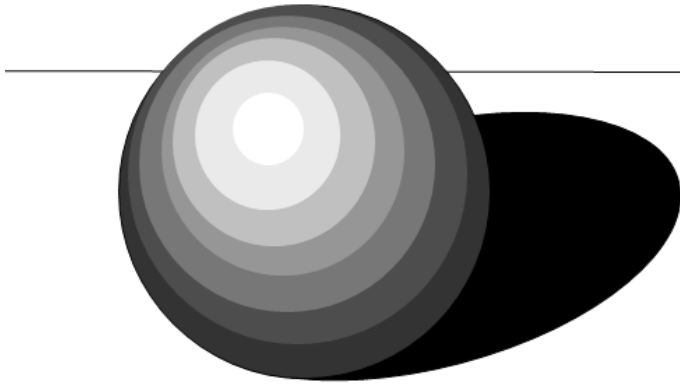


Shading a Sphere



Internal stand

Box Fold

V Fold

Name: _____

Rules for shading

For each of the images below match the correct keyword to the sentence.



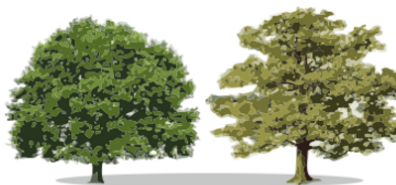
KEYWORDS – One direction, white gaps, less pressure, pressure

1. Apply more _____ so the colour will show
2. Apply _____ to gain an even colour
3. Shade in _____ for a neat finish
4. Fill all _____ when shading to stop paper from showing

LEARN SHEET : YR7 RESISTANT MATERIALS

WHAT ARE HARDWOODS ?

Sometimes called broad-leaf trees. Lose their leaves seasonally, in winter. Hardwoods tend to be harder than softwoods (with the exception of Balsa Wood). They have a wider variety of colour and texture than softwoods. Hardwoods tend to be more expensive than softwoods and take longer to mature.



Oak, Walnut, Balsa, Ash, Mahogany

WHAT ARE SOFTWOODS ?

Softwoods are from trees that have needles / exposed seeds, not leaves. They grow quickly, compared to most hardwoods. When sawn and planed they tend to be light/pale in colour. Softwoods also tend to be cheaper than hardwoods.

Softwoods are used by the construction industry and are used to produce paper pulp, and card products.

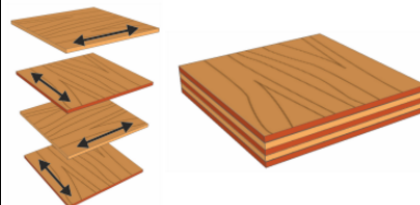


Parana Pine, Scots Pine, Red Cedar, Yew, Douglas Fir

MANMADE BOARDS - PLYWOOD 1

Plywood is a composite material. Composed of individual plies / veneers of wood. The plies are glued together with synthetic resin.

Plywood is less likely to warp or split, due to this construction. Supplied in a range of sizes and thicknesses.



MDF, Blackboard, Plywood, Chipboard, Hardboard

ACCESS FM – write down what they mean in a product analysis.

Aesthetics=

Cost=

Customer=

Environment=

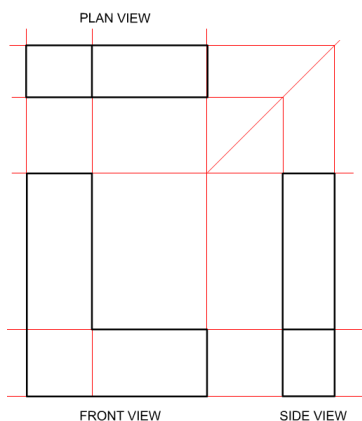
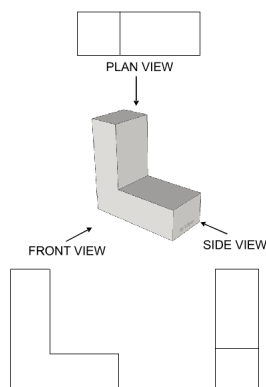
Safety=

Size=

Function=

Material=

Orthographic Drawing



Development of Ideas

S - Substitute – Change part of the design for something else.





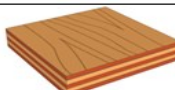







C - Combine – combine another part of another design

A - Add – What else could you add to the design?

R - Re-arrange – Move things about on your design

E - Erase – Get rid of part of the design

D - Duplicate – Can you duplicate part of the design?

			
Twister Drill Bit	Machine Vice	Warding File	Twister Drill
			
Plywood	Beltsander/Bandfacer	Dowel	Pedestal/Pillar Drill
			
PVA glue	Glasspaper	Tennon Saw	Coping Saw