






Board Types	Properties	Example products
Corrugated Card	<ul style="list-style-type: none"> • Impact resistant • Made from recycled materials • Strong, durable and light • Cheap to buy 	<ul style="list-style-type: none"> • Pizza boxes • Outer packaging and boxes
Solid White Board	<ul style="list-style-type: none"> • Made from virgin materials • Expensive to buy • Good surface to print on • Durable and light 	High quality packaging such as: <ul style="list-style-type: none"> • Cosmetic packaging • Some book covers • High quality, stiff chocolate boxes
Folding Box Board or Duplex Board	<ul style="list-style-type: none"> • Good surface to print on • Reasonable inexpensive to buy • Made from 2 layer [one recycled, one virgin material] • Light 	Food packaging such as: <ul style="list-style-type: none"> • Breakfast cereals • Chocolate packaging • Fast food packaging E.g. burger boxes
Foil lined Board [Tetrapak]	<ul style="list-style-type: none"> - Keeps flavour in - Keeps air and moisture out - Is insulating 	Food packaging such as: <ul style="list-style-type: none"> - Soup cartons - Oven ready meals - Juice cartons - Lids for take-away foil containers

Paper Types	Properties	Example Products
Cartridge paper	<ul style="list-style-type: none"> • High quality with a textured surface 	<ul style="list-style-type: none"> • Art sketchbooks
Copier paper	<ul style="list-style-type: none"> • Smooth and thin • Good surface to print on 	<ul style="list-style-type: none"> • Photocopier paper • This booklet
Tracing paper	<ul style="list-style-type: none"> • Semi-transparent 	<ul style="list-style-type: none"> • Copying images
Grid paper	<ul style="list-style-type: none"> • Paper with a grid of squares, dots or triangles to help make drawings more accurate. 	<ul style="list-style-type: none"> • Isometric drawings • Orthographic drawings • Charts

Command Words		
1	Apply	To use your knowledge to answer the question.
2	Justify	Give evidence so that you can show or prove to be right or reasonable.
3	Consider	Show and understanding of all elements before making a decision.
4	Review	A critical appraisal of something.
5	Compare and contrast	Give similarities and differences between several things, not just one.

Printing Cutting Methods		
Type	Description	Example
Die Cutting	It cuts, scores or perforates lines using a hardened steel blades, a bit like a cookie cutter.	To cut net shapes for packaging
Laser Cutting	A 2D Design is created using CAD software. The machine operator send the file to the machine after selecting the correct setting. The machine operator focusses the lens to the surface of the material. A laser beam is emitted from the laser tube. The laser beam is reflected through a series of mirrors. The laser beam passes through a lens in the machine head to cut or etch the material surface below.	In school-nets for packaging from folding box board
Lithography	The most common printing process. In this high quality process the image is transferred to a flat printing plate. The image goes onto a blanket cylinder then, onto the paper/card. It works on the idea that the ink[oil-based] with repel water on the plate.	Printing magazines and packaging
Screen printing	This can be a hand or mechanised process. A mesh is used to transfer ink onto a material, except in areas made impermeable to the ink by a blocking stencil. A blade or squeegee is moved across the screen to fill the open mesh apertures with ink. This causes the ink to wet the material and be pulled out of the mesh apertures as the screen springs back after the blade has passed. One colour is printed at a time, so several screens can be used to produce a multicoloured image or design.	T-shirts Limited edition posters

Photo shop Tools							
	Text tool		Rectangular Marquee		Move tool		Magic wand
CTRL+/-	Zoom in or out	CTRL T	Resize an image	CTRL Z	Go back		Magnetic lasso

Key Words		
1	Processed	Perform a series of operations on materials in order to change or preserve them.
2	Raw material	The state of a material when extracted from it's source. E.g. wood for paper making
3	Specification	A list of criteria points a design should meet

The Purpose of Packaging

C	Contain
A	Advertise
T	Transport
D	Display
I	Inform
P	Protect
P	Preserve