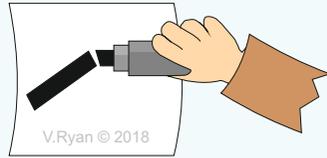
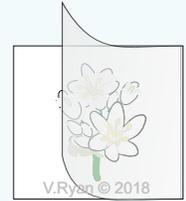


# COMMON PAPER AND BOARDS

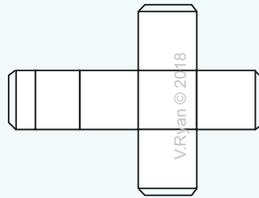
**CARTRIDGE PAPER** - Used for general drawing. It is often good quality. This paper is used for design and technology projects and will take colour from pencils and felt pens, without too much bleeding to the opposite side of the paper. **120 to 160gsm.**



**TRACING PAPER** - Is used by pupils, students and designers. Allows the designer to copy an existing drawing / shape. Tracing paper can be useful, when there is a need to produce several drawings, that are based on the same outline. **40 to 130gsm**



**CARDBOARD** - Thicker than paper as it is made up of a number of layers, glue or laminated together. The diagram opposite shows a net / development of a package.



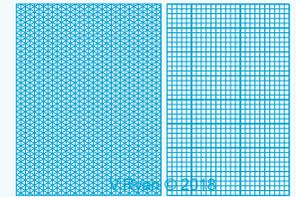
**BLEED PROOF PAPER** - Does not allow felt pens/ink pens (water or spirit based), to spread or bleed through and across the surface. When a felt pen is used on the surface of cartridge paper, accuracy can be lost, as the ink is absorbed and spreads out, leaving an inaccurate line. Bleed proof paper, has a coating that prevents this happening. **70gsm**



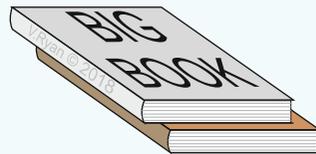
**DUPLEX BOARD** - Used for containers and can contain liquids, as it may have a water-proof liner on the inside. It can have a wax feel. This type of card is used by the food industry and consequently recycled card is not used in its manufacture. **200 to 500gsm**



**GRID PAPER** - Is manufactured in a range of patterns, the most common being isometric and square grids. This type of layout helps when drawing in three dimensions (isometric) or drawing graphs and pictograms (graph paper). **Standard 80gsm**



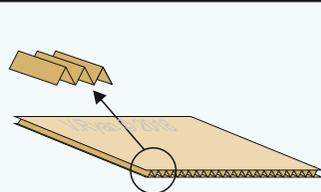
**SOLID WHITE BOARD** - This is normally top quality cardboard, made from quality bleached wood pulp. It is suitable for printing on to and consequently, it is used for hard backed books and general, expensive items. **200 to 500gsm**



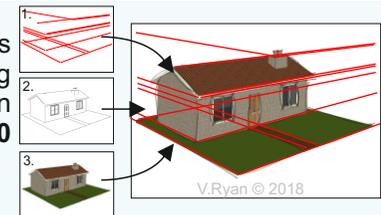
**INK JET CARD** - A high quality paper, often used when a photograph is printed. The surface is normally gloss or matt, in texture. It is relatively expensive compared to cartridge or photocopying paper. **120 to 400gsm**



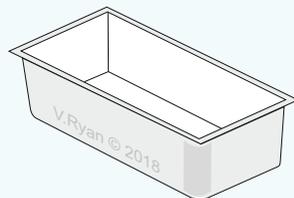
**CORRUGATED BOARD** - Often used for packaging large items. These boxes (brown in colour), protect the contents from damage. Corrugated board is strong because it is composed of a top and bottom layer and in between there is a triangulated section. A triangular section is very strong, compared to its weight. **1000 to 5500gsm**



**LAYOUT PAPER** - Used by architects, designers and artists, to lay over the top of an existing drawing, in order to copy parts / aspects. When put together, the various layers appear as one. **40 to 60gsm**



**FOIL LINED BOARD** - Good quality cardboard with an aluminium foil lining. This type of container is ideal for ready made meals or take away meals. The foil retains the heat helping to keep the food warm. **220 to 420gsm**



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