

YEAR 9 DESIGN TECHNOLOGY: TIME TO READ


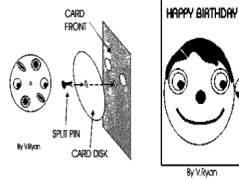

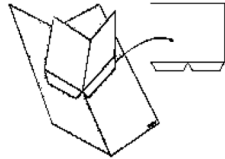
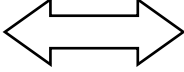
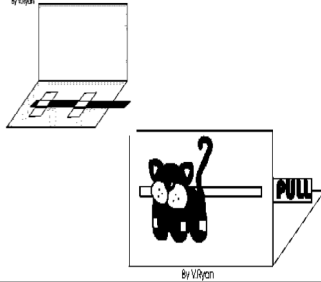

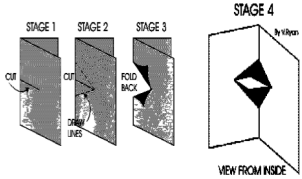
A PROPERTIES OF CARD

1	Available in different thicknesses and sizes.
2	Available in different colours.
3	Can be printed directly on to.
4	Relatively cheap.
5	Can be recycled.
6	Can have different finishes applied to it.
7	Card is measured in GSM (grams per squared metre).

B TYPES OF FINISH

1	Laminating	Bonding thin plastic over printed page. Strong and rigid, protects from air and moisture. Suitable for products that are handled a lot.
2	Spot Varnish	A varnish applied only to portions of a printed piece after printing, rather than to the entire sheet. Carefully apply adhesive book covering then cut around carefully with a craft knife.

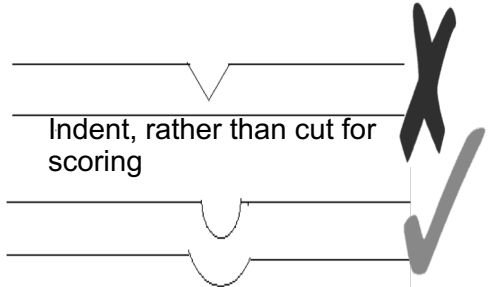
C CARD MECHANISMS

	Types of mechanism	Movement on pop up	Example	Description
1	Rotary mechanism	Rotary and Oscillating 		Rotary mechanisms can be used in interesting ways. The greetings card on the left allows the user to rotate a circular card disk.
2	V Fold mechanism	Oscillating 		The tabs are glued to the backing card remembering that the angle must be selected carefully. Draw the angle of bend on the card first before gluing the pop-up piece to it.
3	Slide mechanism	Reciprocal 		Slide mechanisms can add parallel movement to a card model. The basic construction is shown below. This can make an impressive greetings card if an image is added to the card front and scenery drawn.
4	Mouth mechanism	Oscillating 		The simple folding technique is ideal for forming a mechanism that unfolds when a card is closed. This could be the mouth of a cartoon or similar character.

D HEALTH AND SAFETY WITH CRAFT KNIVES

1	Always handle with care.
2	Always use a cutting mat.
3	Always use a steel safety ruler.
4	Always hold the craft knife parallel to the ruler.

E SCORING CARD

1	 <p>Indent, rather than cut for scoring</p>
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