GCSE Graphics Revision Checklist/Time Table

You will sit your final written exam paper (A534) on Tuesday 11 June 2013 (PM). Sustainable Design re-sit has also been scheduled on this day (PM).

Wk	Date (wk/c)	Revision Topic	Revision Guide	Workbook	Done
			Page No.	Page No.	(1)
6	Mon 29/4	Methods of Printing	P.52-56	47-50	
		Relief printing - letterpress and block printing			
		Flexography			
		Gravure printing			
		Screen printing			
		Planographic printing/offset lithography			
		'Full colour' printing - four colour process (CMYK process)			
		Dry printing - photocopiers and laser printers			
		<u>Finishes</u>			
		Embossing			
		Hot-foil blocking			
		Holographic printing			
		Microencapsulation			
		UV varnishing			
		Varnishing			
		Lamination			
		Book Binding			
		Saddle wire stitching			
		Perfect binding			
		Hard binding			
		Comb binding			

Wk	Date (wk/c)	Revision Topic	Revision Guide Page No.	Workbook Page No.	Done
5	Mon 6/5	<u>Materials</u>	P.10-11	P.10-11	
		Grids and under-lays			
		Tracing paper			
		Paper and board measurements			
		Types of paper and board - characteristics and uses			
		Materials for Modelling	P.38	P.32-37	
		Characteristics and uses of the following:			
		Corrugated plastic sheet			
		Blockfoam/Styrofoam [™]			
		Foam board			
		Hard wax and plaster bandage			
		Acrylic			
		MDF (Medium Density Fibreboard), jelutong and balsa			
		Board			
		Adhesives for Model Making	P.39		
		Rubber-based cement			
		Glue stick			
		Aerosol adhesive (spray mount)			
		PVA (Polyvinyl Acetate)			
		Balsa cement			
		Expoxy resin			
		Acrylic cement			
		Glue guns			
		Tools	P.40		
		Die cutters, scalpel/craft knife, circle cutters, guillotine, scroll saw			
		Creasing bar			
		Pre-manufactured components	P.42-43		
		Click fasteners, eyelets, paper fasteners, Velcro, pressfit			
		Double-sided sticky pads and double-sided sticky tape			

Wk	Date (wk/c)	Revision Topic	Revision Guide Page No.	Workbook Page No.	Done
4	Mon 13/5	Smart and Modern Materials	P.44	P.38-39	
		Understand what is meant by 'smart materials', as well as showing a			
		knowledge of the characteristics and uses of the following:			
		Thermochromic materials			
		Photochromic materials			
		LCD (Liquid Crystal Displays)			
		Phosphorescent materials (glow in the dark)			
		PMC (Precious Metal Clays)			
		Paper foam/Potatopak			
		Polymorph			
		EPDs (Electronic Paper Displays)			
		Transdermal prescription drug patches			
		New Materials	P.45		
		Nanotechnology			
		Carbon fibres			
		Types of Plastics	P.46-47	P.40-41	
		Plastics			
ı		Thermosetting plastics and types of thermosetting plastics			
		Thermoplastics and types of thermoplastics			
3	Mon 20/5	Industrial processes	P.48-51	P.42-45	
		Injection moulding, extrusion, blow moulding and compression moulding			
		Vacuum forming			
		Line bending			
		Laser cutting			
		Methods of Production	P.52	P.46	
		Logistics			
		Cell, one-off, batch, mass, continuous and just in time (JIT) production			

Wk	Date (wk/c)	Revision Topic	Revision Guide Page No.	Workbook Page No.	Done
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2	Mon 27/5	Packaging and Mechanisms	P.60-62	P.52-53	
		Developments/nets			
		'Tuck in' and 'automatic' bases			
		Functions of packaging - what used for/why			
		Packaging Materials	P.62-64	P.54-56	
		Paper and board - advantages			
		Plastic			
		Which packaging to use - advantages/disadvantages/uses			
		Types of Movement	P.65-71	P.57-63	
		Rotating, linear, reciprocating, oscillating			
		Levers - first, second and third class			
		Cranks			
		Cams			
		Springs			
		Linkages			
		Gears			
		Chains and sprocket			
		Pulley			
		Card engineering - V fold, rotary, incised, sliding, layer mechanisms			
		Try making a variety of card mechanisms from instructions			
		(use your revision guide to help you do this)			
		You could also visit <u>www.technologystudent.com</u> Go to the Graphics sect	ion and scroll down	to 'Mechanisms'	
		Remember: use your workbook and http://www.bbc.co.uk/bitesize/ GCS	E, D&T, Graphics fo	or info and test pa	ges!
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Wk	Date (wk/c)	Revision Topic	Revision Guide Page No.	Workbook Page No.	Done
1	Mon 3/6	Plan Drawings - scale/scale representations, building drawings	P.16-17		(-)
		Planometric technique			
		Methods of enlarging			
		Shapes			
		Isometric Projection and ellipses	P.18-20	P.14-18	
		Exploded drawings			
		Perspective - one and two point perspective			
		Working drawings	P.21-22	P.19-20	
		Standards for trade			
		Standards in working drawings			
		Kitemark			
		Copyright and patents			
		Orthographic projection - third angle	P.23	P.21	
		ICT software and applications	P.74-79	P.64-69	
		CAD/CAM			
		Safety hazards and control	P.80-83	P.70-73	
0	Mon 10/6	Past papers and exam technique			
		Questions/concerns			