

Term	Year 7	Year 8	Year 9	Year 10	Year 11
1	Resistant Materials Mirror Project Workshop tools and equipment Health and Safety Working with wood	Resistant materials Jewellery Combing materials Cutting & shaping Gluing	Design and technology Working with wood Chinese Puzzle Combining materials Environmental concerns Storage box Wood joints Glues	Introduction to Design & Make Industry & Enterprise T / D&M Sustainability & the Environment / D&M People, Culture & Society / D&M Production, Techniques & Systems / D&M Informing Design Decisions / D&M	NEA - Designing NEA - Designing NEA Modelling NEA Modelling & Evaluation NEA Development
2	Resistant Materials Mirror Project Workshop tools and equipment Working with wood	Resistant materials Jewellery Combing materials Cutting & shaping Gluing Finishing techniques	Design and technology Working with wood Chinese Puzzle Combining materials Environmental concerns Storage box Wood joints Glues Timber practical, card modelling marking out and cutting timber, finishing timber	Investigation into Primary & Secondary Data / D&M The Work of Others / D&M Design Strategies	Selection of Materials & Components / NEA Development Tolerances / NEA Development CAD Materials Management / NEA Design Analysis & Client Feedback Tools, Equipment, Techniques & Finishes / NEA Final Model Development/ CAD Surface Treatment & Finishes / Final Model Development Materials Investigation Manufacturing Plan/ Manufacturing Spec MOCK EXAM

					MAKING (Including Making Diary)
3	Textiles Hand stitch – threading a needle Machine stitch – threading a machine Decorating Template construction	Textiles Decorative stitches Finishing techniques Yarns, Fibres and fabrics Fabric dyes Cad/Cam	Paper and Board / NEA packaging Graphical skills, Nets & Packaging Design	Energy Generation / D&M Energy Storage Modern Materials Smart Materials Composite Materials & Technical Textiles Systems Approach to Designing	NEA Making & Photo Diary Evaluation & Final Client Interview User Testing & Improvements
4	Textiles Hand stitch – threading a needle Machine stitch – threading a machine Decorating Template construction	Textiles Decorative stitches Finishing techniques Yarns, Fibres and fabrics Fabric dyes Cad/Cam	Plastics / NEA night lights	Sources, origins & properties (Paper & Board) Working with Paper & Board Commercial Manufacturing, Surface Treatments & Finishes	NEA Making & Photo Diary Evaluation & Final Client Interview User Testing & Improvements
5	Food Basic Knife skills Basic kitchen equipment Weighing and measuring Rubbing in method Melting method Portion Control	Food Bread making skills Sharp knives Electrical equipment Functions of ingredients Cultural differences of food/dishes Cross contamination prevention	Metals / NEA Pewter Cast Pewter casting, 2D Design, filing and finishing metals	Start of NEA. No practical Research section.	AO1 Revision AO1 Revision
6	Food Basic Knife skills Basic kitchen equipment Weighing and measuring Rubbing in method Melting method Portion Control	Food Bread making skills Sharp knives Electrical equipment Functions of ingredients Cultural differences of food/dishes	Metals / NEA Pewter Cast	Start of NEA. No practical Research section.	AO3 Reivison

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