

Year 11 GCSE Revision - Textiles

Week beginning	Topics for revision	Re-visit work	Suggested activities
			General revision: Maximise You Marks Basic Revision guide textiles4u.All+Revision+Topics Past papers – drive/designtechnology/textiles/KS4/exampapers http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-textiles-technology-4570/past-papers-and-mark-schemes textiles-true-false quiz
6 th February	Fibres Natural ; Cotton/wool/silk Synthetic/manmade: polyester/nylon Regenerated; Viscose/ lyocell Fibre combinations	Have a working knowledge of the basic composition, physical and aesthetic characteristics of the fibres mentioned. Understand the need to combine fibres, to include polyester/cotton and combinations including elastomeric;	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. gcsebitesize/design/textiles/fibresrev textiles4u.wikispaces.com/Fibres Read labels in products look at the fibre content and then the performance required for the product. bitesize fibres test/quiz Information on ndrive/reference/textiles
13 th February	Woven: Plain/twill/satin Knitted: Single jersey Non-woven: Felt/needle punched/heat set	Understand the construction, using a diagram, ensure correct labelling of warp, weft, selvedge. Know the properties, function and end use.	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. textiles4u.Fabric+Construction gcsebitesize/design/textiles/fabricsrev GCSE bitesize video clip on weaving Read labels in products look at the fibre content and then the performance required for the product. gcsebitesize/design/textiles/fabrics - choosing the right material Information on ndrive/reference/textiles/KS4 Deconstruct samples of fabrics

<p>20th February</p> <p>HALF TERM</p>	<p>Modern fibres and fabric: e.g. microfibers.</p> <p>Technical fabrics: micro-encapsulated, gortex</p> <p>Smart fabrics;</p> <p>Finishes</p>	<p>Be aware of technological advances in textiles materials and their use in a wide range of industries; Assess and evaluate the working properties</p> <p>Learn one from each section.</p> <p>To know 2 mechanical and 2 chemical finishes.(e.g. stain resistance, water resistance, flame retardancy, crease resistance) applied to fabrics in order to improve their performance; Understand the effects of these fabric finishes, comfort, safety, maintenance, manufacturing costs and retail price; Know of at least one modern 'Smart' finish to fabrics (e.g. thermochromatic printing); Know of emerging technologies: nano materials and integrated electronics within textiles designs.</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles/KS4 bbc.co.uk - video clips - technical fabrics bbc.co.uk - video clips - smart fabrics first-dress-graphene-unveiled-in-manchester-wonder-material</p> <p>gcsebitesize/design/textiles/fabrics smart textiles4u.wikispaces.com/Smart+Materials gcsebitesize/design/textiles/fabricsrev4 textiles4u.wikispaces.com/Fabric+Finishes gcsebitesize/design/graphics/mechanismfinishprintrev3.shtml</p>
<p>27th February</p>	<p>Product labelling and maintenance, suitability for purpose Statutory legislation</p>	<p>Know the maintenance needs of textile products.</p> <p>Textile labelling, symbols and requirements. including statutory legislation; Know the factors which make the product suitability/ fitness for purpose, i.e. wearability, warmth, comfort, absorbency, durability, after care, safety, flammability, stain resistance, aesthetic qualities.</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles textiles4u.wikispaces.com/Labeling gcsebitesize/design/textiles/consumersmaintenance</p>
<p>6th March</p>	<p>Dyeing and printing</p>	<p>Know and understand: Commercial: Screen printing, block printing, roller printing, Hand method; tie-dye, batik. Be able to list the process, draw the method and label, list the equipment used.</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles textiles4u.wikispaces.com/Printing+onto+Fabric gcsebitesize/design/textiles/productiontech - printing bbc.co.uk - video clips - screen printing</p>

			<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles</p> <p>The prep sheet issued 1st March: Research the theme, produce a mood and an inspiration board</p>
13 th March	Decoration and enhancement	<p>Know how to use a variety of a surface decorative techniques in order to improve the aesthetic qualities of textiles, fabrics and products. E.g. applique, embroidery, sequins</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles</p> <p>Decorating+Fabrics+2 gcsebitesize -techniques7.shtml Information about embroidery and fabric decoration</p> <p>The prep sheet issued 1st March: Research the theme, produce a mood and an inspiration board</p>
20 th March	Components	<p>Manufactured Components Select, use and evaluate the function, suitability and safety of manufactured components in design and make tasks; identify and have a knowledge of components including fastenings (to include zips, buttons and Velcro), threads, trimmings, interfacing, motifs, labels and electronic components; be aware of the technological</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles</p> <p>Components</p>
27 th March	<p>Product design</p> <p>Product analysis</p>	<p>Understand the influence of trend forecasts when designing textiles products;</p> <p>Analyse past and present textile designs and products in order to evaluate shape, style, aesthetics, choice of materials and components, construction techniques, decorative techniques, fitness for purpose, marketability.</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles History of fashion project in year 10. Information on ndrive/reference/textiles http://www.vam.ac.uk/content/articles/h/history-of-fashion-1840-1900/ http://www.fashionintime.org/</p>

	Evaluation Techniques	Design criteria; use disassembly to make critical judgements about the design, manufacture and performance of existing products; List design criteria that influence textile product design. Understand the purpose and value of a design specification. - write a	Design and write a specification for your two designs for the preparation sheet for the exam from the prep sheet issued 1st March
3 rd April		Social, Cultural, Moral, Health and Safety and Environment Issues Responsibility of: <ul style="list-style-type: none"> • Designers • Manufacturers • Retailers • Consumers • Fair trade • Impact of technology 	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Information on ndrive/reference/textiles https://textiles4u.wikispaces.com/Environmental+Issues http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/consumersmaintenancehealthrev1.shtml Borrow class DVD to watch at home.
10th April <u>EASTER</u>		Health and Safety issues of both consumers and the work force.	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles https://textiles4u.wikispaces.com/Health+and+Safetygcsebitesize-health&safety Test quiz on H & S The prep sheet issued 1st March annotate your designs
17 th April <u>EASTER</u>		Processes and manufacture Equipment One – off/mass/batch/just in time /subassembly - manufacturing systems	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles production-methods-systems - quiz https://textiles4u.wikispaces.com/Industrial+Manufacturing jeans manufacture systems mass/batch/one-off The prep sheet issued 1st March produce a manufacturing specification
24 th April		Computer aided design, computer aided manufacture and ICT.	Concept map notes from lesson. Create revision cards on topic.

		<p>Understand the difference between the two, where and how they can be used, and the benefits:</p> <ul style="list-style-type: none"> • Cost • Speed • Labour reduction • Improvement of quality • Improvement of information • Storage space reduced 	<p>Create q & a cards on topic. Information on ndrive/reference/textiles CAD CAM https://textiles4u.wikispaces.com/CAD https://textiles4u.wikispaces.com/CAM</p> <p>Quiz for systems , processes & CAD CAM The prep sheet issued 1st March practice your drawings of your designs ideas in timed exam conditions. (30 Mins)</p>
1st May		<p>Quality Assurance & Quality control To understand the difference between QA and QC. To be able to review products for their critical quality control point (CQCP)</p>	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Quality Quality assurance</p>
8th May		Past paper revision	Ndrive/ref/designtechnology/textiles/KS4/exampapers aq -textiles-past-papers and mark schemes
15th May		Past paper revision	<p>Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Ndrive/ref/designtechnology/textiles/KS4/exampapers aq -textiles-past-papers and mark schemes</p>
23 nd May	Exam 9.00 am		