Year 11 GCSE Revision - Textiles - 2018

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
5th 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 elastomerics;	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
12th 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

19th February **HALF TERM**	Modern fibres and fabric: e.g. microfibers. Technical fabrics: micro-encapsulated, gortex Smart fabrics; Finishes	Be aware of technological advances in textiles materials and their use in a wide range of industries; Assess and evaluate the working properties Learn one from each section. To know 2 mechanical and 2 chemical finshes.(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.	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 what-is-gore-tex gcsebitesize/design/textiles/fabrics smart textiles4u.wikispaces.com/Smart+Materials gcsebitesize/design/textiles/fabricsrev4. bbc.co.uk - video clips - smart fabrics first-dress-graphene-unveiled-in-manchester-wonder-material textiles4u.wikispaces.com/Fabric+Finishes gcsebitesize/design/graphics/mechanismfinishprintrev3.shtml
26th February	Product labelling and maintenance, suitability for purpose Statutory legislation	Know the maintenance needs of textile products. 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.	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles textiles4u.wikispaces.com/Labelling gcsebitesize/design/textiles/consumersmaintenance
5th March	Dyeing and printing	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.	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 product-construction-decoration-techniques-quiz gcsebitesize/design/textiles/productiontech - printing bbc.co.uk - video clips - screen printing

			Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles **The prep sheet issued 1st March:** **Research the theme, produce a mood and an inspiration board**
12th March	**Decoration and enhancement**	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	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Decorating+Fabrics+2 gcsebitesize -techniques7.shtml Information about embroidery and fabric decoration **The prep sheet issued 1st March:** **Research the theme, produce a mood and an inspiration board**
19th March	**Components**	**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	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Components
26th March	Product design Product analysis	**U**nderstand the influence of trend forecasts when designing textiles products; 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.	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/

	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**
2rd April **EASTER**		Social, Cultural, Moral, Health and Safety and Environment Issues Responsibility of: • 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.
9th April **EASTER**		**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+Safety gcsebitesize - health & safety Test quiz on H & S **The prep sheet issued 1st March annotate your designs**
16th April		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**
23rd April		Computer aided design, computer aided manufacture and ICT.	Concept map notes from lesson. Create revision cards on topic.

		Understand the difference between the two, where and how they can be used, and the benefits: • Cost • Speed • Labour reduction • Improvement of quality • Improvement of information • Storage space reduced	Create q & a cards on topic. Information on ndrive/reference/textiles CAD CAM https://textiles4u.wikispaces.com/CAD https://textiles4u.wikispaces.com/CAM 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)**
30th April		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)	Concept map notes from lesson. Create revision cards on topic. Create q & a cards on topic. Information on ndrive/reference/textiles Quality Quality assurance
7th May		Past paper revision	Ndrive/ref/designtechnology/textiles/KS4/exampapers aqa -textiles-past-papers and mark schemes
14th May		Past paper revision	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 aqa -textiles-past-papers and mark schemes
25th May	**Exam**		