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| **Year 11 GCSE Revision - Textiles** | | | |
| **Week beginning** | **Topics for revision** | **Re-visit work** | **Suggested activities** |
|  |  |  | General revision:  [Maximise You Marks](file:///N:\Reference\Design%20&%20Technology\Textiles\KS4\Maximise%20You%20Marks)  [Basic Revision guide](file:///N:\Reference\Design%20&%20Technology\Textiles\KS4\Revision)  [textiles4u.All+Revision+Topics](https://textiles4u.wikispaces.com/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](http://www.proprofs.com/quiz-school/story.php?title=textiles-true-false) |
| 6th 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](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/fibresrev1.shtml)  [textiles4u.wikispaces.com/Fibres](https://textiles4u.wikispaces.com/Fibres?responseToken=057f23e4392157bc856f68a8434ce04df)  Read labels in products look at the fibre content and then the performance required for the product.  [bitesize fibres test/quiz](http://www.bbc.co.uk/bitesize/quiz/q76946304)  Information on ndrive/reference/textiles |
| 13th 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](https://textiles4u.wikispaces.com/Fabric+Construction)  [gcsebitesize/design/textiles/fabricsrev](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/fabricsrev1.shtml)  [GCSE bitesize video clip on weaving](http://www.bbc.co.uk/education/clips/zcy76sg)  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](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/fabricsrev6.shtml)  Information on ndrive/reference/textiles/KS4  Deconstruct samples of fabrics |
| 20th 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](http://www.bbc.co.uk/education/clips/z6rtsbk)  [what-is-gore-tex](http://www.gore-tex.co.uk/en-gb/technology/what-is-gore-tex)  [gcsebitesize/design/textiles/fabrics smart](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/fabricsrev5.shtml)  [textiles4u.wikispaces.com/Smart+Materials](https://textiles4u.wikispaces.com/Smart+Materials)  [gcsebitesize/design/textiles/fabricsrev4.](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/fabricsrev4.shtml)  [bbc.co.uk - video clips - smart fabrics](http://www.bbc.co.uk/education/clips/z8kpv4j)  [first-dress-graphene-unveiled-in-manchester-wonder-material](https://www.theguardian.com/uk-news/2017/jan/25/first-dress-graphene-unveiled-in-manchester-wonder-material)  [textiles4u.wikispaces.com/Fabric+Finishes](https://textiles4u.wikispaces.com/Fabric+Finishes)  [gcsebitesize/design/graphics/mechanismfinishprintrev3.shtml](http://www.bbc.co.uk/schools/gcsebitesize/design/graphics/mechanismfinishprintrev3.shtml) |
| 27th 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](https://textiles4u.wikispaces.com/Labelling)  [gcsebitesize/design/textiles/consumersmaintenance](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/consumersmaintenancehealthrev2.shtml) |
| 6th 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](https://textiles4u.wikispaces.com/Printing+onto+Fabric)  [product-construction-decoration-techniques-quiz](http://www.proprofs.com/quiz-school/story.php?title=product-construction-decoration-techniques-true-false)  [gcsebitesize/design/textiles/productiontech - printing](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/productiontechniquesrev2.shtml)  [bbc.co.uk - video clips - screen printing](http://www.bbc.co.uk/education/clips/zgsjmp3)  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** |
| 13th 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](https://textiles4u.wikispaces.com/Decorating+Fabrics+2)  [gcsebitesize -techniques7.shtml](http://www.bbc.co.uk/schools/gcsebitesize/art/practicalities/mediaandtechniques7.shtml)  [Information about embroidery and fabric decoration](https://embroiderersguild.com/)  **The prep sheet issued 1st March:**  **Research the theme, produce a mood and an inspiration board** |
| 20th 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](https://textiles4u.wikispaces.com/Components) |
| 27th March | Product design  Product analysis  **Evaluation Techniques** | **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.  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 | 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/>  **Design and write a specification for your two designs for the preparation sheet for the exam from the prep sheet issued**  **1st March** |
| 3rd April |  | 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. |
| 10th 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](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/consumersmaintenancehealthrev3.shtml)  [Test quiz on H & S](http://www.bbc.co.uk/bitesize/quiz/q59593501)  **The prep sheet issued 1st March annotate your designs** |
| 17th April  **EASTER** |  | 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](http://www.proprofs.com/quiz-school/story.php?title=textile-production-methods-systems)  <https://textiles4u.wikispaces.com/Industrial+Manufacturing>  [jeans manufacture](https://www.youtube.com/watch?v=F0wE3H3WTBc)  [systems](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/texsystemspracticesrev2.shtml)  [mass/batch/one-off](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/texsystemspracticesrev3.shtml)  **The prep sheet issued 1st March produce a manufacturing specification** |
| 24th April |  | Computer aided design, computer aided manufacture and ICT.  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 | Concept map notes from lesson.  Create revision cards on topic.  Create q & a cards on topic.  Information on ndrive/reference/textiles  [CAD CAM](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/texsystemspracticesrev5.shtml)  <https://textiles4u.wikispaces.com/CAD>  <https://textiles4u.wikispaces.com/CAM>  [Quiz for systems , processes & CAD CAM](http://www.bbc.co.uk/bitesize/quiz/q99775316)  **The prep sheet issued 1st March practice your drawings of your designs ideas in timed exam conditions. (30 Mins)** |
| 1st May |  | 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](https://textiles4u.wikispaces.com/Quality)  [Quality assurance](http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/analysisevaluationrev3.shtml) |
| 8th May |  | Past paper revision | Ndrive/ref/designtechnology/textiles/KS4/exampapers  [aqa -textiles-past-papers and mark schemes](http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-textiles-technology-4570/past-papers-and-mark-schemes) |
| 15th 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](http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-textiles-technology-4570/past-papers-and-mark-schemes) |
| 23nd May | **Exam 9.00 am** |  |  |