|  |
| --- |
| **Year 11 GCSE Revision - Textiles** |
| **Week beginning** | **Topics for revision** | **Re-visit work** | **Suggested activities** |
|  |  |  | General revision:[Maximise You Marks](file:///N%3A%5CReference%5CDesign%20%26%20Technology%5CTextiles%5CKS4%5CMaximise%20You%20Marks)[Basic Revision guide](file:///N%3A%5CReference%5CDesign%20%26%20Technology%5CTextiles%5CKS4%5CRevision)[textiles4u.All+Revision+Topics](https://textiles4u.wikispaces.com/All%2BRevision%2BTopics)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 | FibresNatural ; Cotton/wool/silkSynthetic/manmade: polyester/nylonRegenerated; Viscose/ lyocellFibre 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/satinKnitted:Single jerseyNon-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%2BConstruction)[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/KS4Deconstruct samples of fabrics |
| 20th February**HALF TERM** |  Modern fibres and fabric: e.g. microfibers.Technical fabrics: micro-encapsulated, gortexSmart 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%2BMaterials)[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%2BFinishes)[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%2Bonto%2BFabric)[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%2BFabrics%2B2)[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 designProduct 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/textilesHistory 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/textilesInformation on ndrive/reference/textiles[https://textiles4u.wikispaces.com/Environmental+Issues](https://textiles4u.wikispaces.com/Environmental%2BIssues)<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](https://textiles4u.wikispaces.com/Health%2Band%2BSafety)[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](https://textiles4u.wikispaces.com/Industrial%2BManufacturing)[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 controlTo 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/textilesNdrive/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** |  |  |