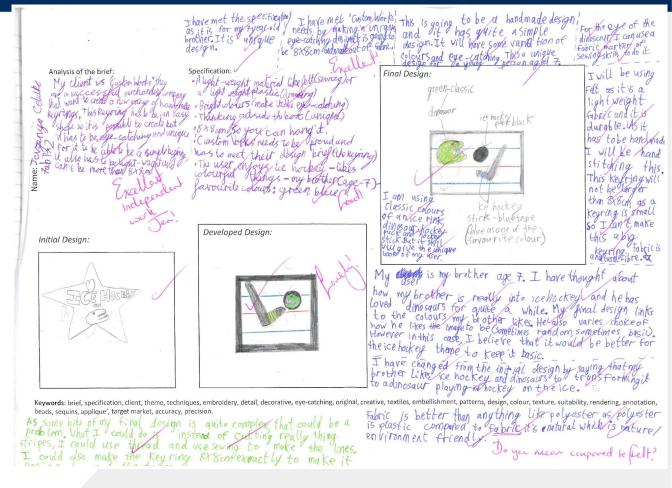
Progression in Textiles Technology

Generating and developing ideas





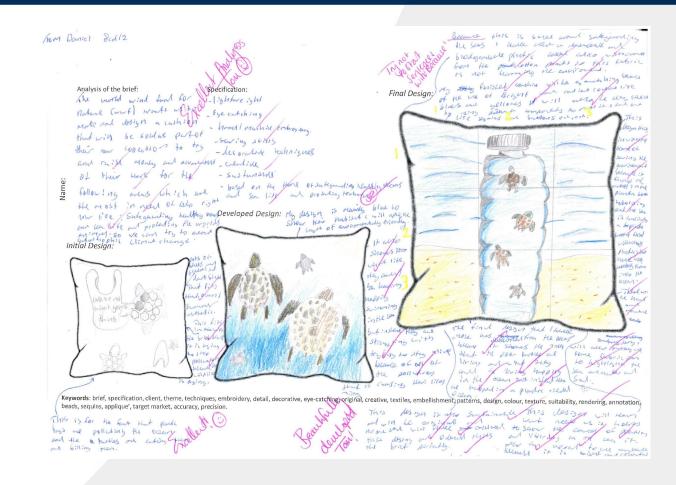
I can identify, develop and communicate design ideas to meet the needs of a user and basic specification.





I can further develop and communicate my design ideas by creating annotated sketches and detailed plans, to meet user needs and the specification.

I can justify my choice of skills, decorative techniques and materials.



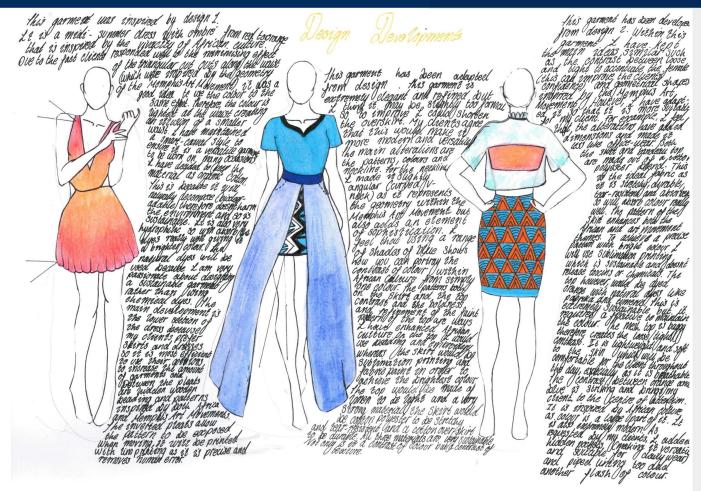


I can generate a wide range of developments that avoid designn fixation and take into account on-going investigations.



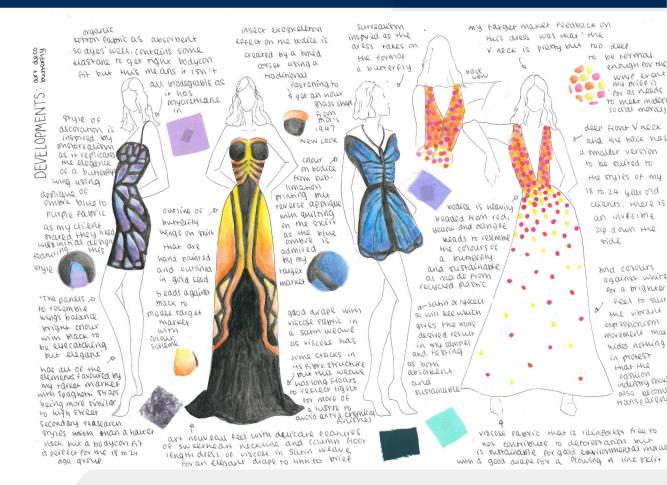


I can explore and produce a wide range of possible design ideas and/or developments showing clear links to the context and full consideration of functionality, aesthetics and innovation..





I can independently conduct investigations leading me to produce a wide range of development proposals, through a variety of media and experimentation, accompanied by detailed analysis. I can take design risks and justify my rationale behind design decisions with full consideration of both the user requirements and specification criteria.





I can develop advanced, high level design proposals whilst making continuous reference to the design breif/specification and user, justifying my iterative design decisions.

I can independently investigate and refine my proposals through a wide range of complex and specialist media, processes and techniques with precision in order to produce an advanced, commercially viable proposal.

From many client consultations and designs my client and i have finalised on one design. This design features many aspects of what my client has loved in pervious ideas and have been merged carefully together to create a perfect garment design suitable and loved by my client. This design is what I will be constructing and making through continuing my coursework ready to be given to my client at a high quality standard and a reasonable price, ensuring i think about nature and the environment throughout.

In many developments i have included a structured bodice that my client always liked the most. I wanted to include this as my client liked the romanticised theme it gave to the dress with the shape it created against the draped and flowy sleeves and skirt. This will take a lot of skill as it would include many pieces and exact measurements for it to look good and fit well on my client. The bodice would be made from a light grey silk as this fabric would create a beautiful, elegant look to the garment, as well as its shiny and natural look. I would need to use boning in this to ensure that the bodice is structured and fits well to my client. This will create shape and silhouette in the garment.

The skirt is also a finalised decision as this was featured in many other initial and development designs. My client and i thought that having a silk under skirt with a voile top skirt would add volume and create a flowy effect to the garment. To create this i would include gathering to show how the fabric would allow drape to the skirt. This would also allow the dress to move in a way when my client would walk, I would use the fabrics silk and voile, using silk as the under skirt as it is soft and has a sheen, matching the bodice, and voile as an over layer as it is party translucent and would create an interesting effect when layered with silk and detailed, appliqued images on the top.

For the sleeves i am going to keep them simplistic compared to the other parts of the design. I will use the fabric polyester voile in a light grey colour that matches the rest of the design. To make these i will gather the top and then attach them to the side of the bodice. I have chosen to add sleeves as my client liked them in one of my second design development ideas, and prefered the use of sleeves over none at all, this was also seen in my target market research.

I wanted to include the design technique, lino printing as a way to show detail on the garment. I would use this on the flames, trees and leaves to add depth into the fabric so that it is not plane. I would do this by hand, but reuse each lino piece to print lots of these designs. I will also be conscious of how i carry out the printing to think about the environment. Colour Scheme

In my opinion, the colour scheme is important to this design as I wanted to represent the inspiration from deforestation through the colours i chose. I decided to use mainly grey to represent smoke and the gasses given off, contrasted with the greens of nature and reds and burnt oranges for the flames.

I will need to ensure that as I am making my garment I am also thinking about the moral, social and ethical impacts of my design. This would be making sure that I am In a safe environment and making something that will create little waste and impact the environment. As well as thinking about my clients safety and how it will impact her as well as if it is offensive

For easy access into

idea of ergonomics, i

invisible zip. This will

not be seen from the

outside of the dress

and will be placed at

and finish a quarter

the back of the bodice

down the length of the

To add more delicate detail to

the garment, i wanted to add

some embroidery to some of

add some three dimensional

and dress along with the lino

printing. I will do this by hand,

out this would take a lot of time

the applique designs. This would

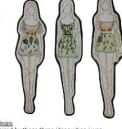
aspects to the appliques images

the dress using the

am going to add an

This page is for my final design that I have created. I have used and thought about all my initial and development designs to help me to finalise one garment as well as using my clients opinion and preferences along the way. This is a final outlook on what my design will look like and will be what i

If this dress was to be made on a large scale in industry some parts of the design might have to be modified to be quickly and easily carried out. One example of this would be lino printing onto small pieces of fabric before embroidering and sewing them on. This means that they would be done by hand and as this would take a long time to do, therefore increasing the price of the garment.

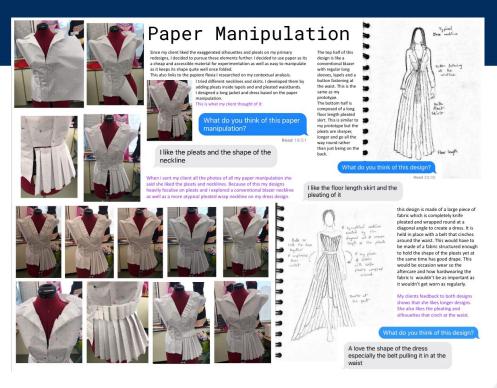


Inspiration From Other Designs
I was mainly inspired by these three ideas when I was thinking about my final design. I liked my developed idea of using more graphic symbols, through design techniques, such as the fire, trees and leaves to show clearly my focus of the project. As well as the way the dress has been shaped around the bodice and skirt to create a flattering and feminine silhouette for my client However, what led me to this design was my clients favourite aspects from each of the garments such as the structured bodice and draped sleeves, these where features that she loved and wanted to see in the final

and i have decided to go down the root of deforestation lear imagery of leaves, trees and flames, I also did this rough the colouring of the design. Light grey was to before Linclude them in the garment. Another thing is

As a main way in showing how my design has taken inspiration through nature and the environment and more specifically deforestation, i will use applique to show images of leaves, flames and trees. This is to represent the burning of forests that impact our environment through the release of carbon dioxide and the loss of photosynthesis being made. I will carry this technique out by hand and machine, by cutting each piece of coloured cotton and sewing it to the voile before ironing and adding bonderweb.

hroughout the process of designing this final project, I have talked to my client about her wants and needs of the dress as well as parts that she likes and doesn't like and what she would want to include in the final design. My client loves this design as it fits her style and loves the way it has been inspired by a global issue to raise awareness



I can document the rationale for my design decisions and fully justify these with constant reference bto my design brief, specification and investigations throughout the development of their design proposal. I can evidence ongoing development of design proposals, achieved through exploration of and experimentation with different materials, techniques and processes leading to an excellent quality design of a prototype for manufacture.

Developing Ideas Toile 1 Construction

Diary









pick up on any faults and problems I could encounter if I were to make this garment properly that I wasn't

constructing the real garment as calico is a durable and sustainable fabric. This means it's easier to manipulate seatedly till the desired effect is reached without having an immense negative effect on the environment as ou would by wasting large quantities of a fabric that is more difficult to recycle, requires more energy to make uses finite resources. Also calico is cheaper than most other fabrics meaning it would be more costly to fix





quin ensuring it was straight and secure. I drew the centre front of the pattern and the grainline of the fabric with a ruler and tailors chalk, Checking it was clear solid line. Then I started working on one side of the bodice block on the mannequin identifying the bust point and bustline and fabric. I pinned the waist darts and bust darts. Once secure, I marked either side of the dart with tailors chalk clearly. Then i unpinned the prototype from the manikin and















Developing Ideas Toile 1 Construction

Diary











Progression in Textiles Technology

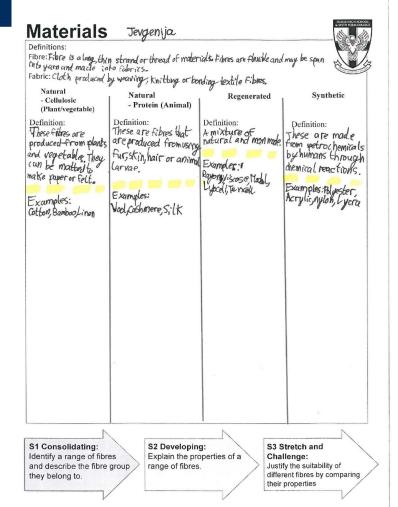
Classification of Materials

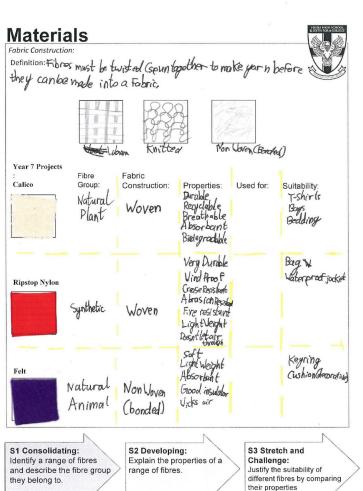




I can identify materials and their working properties.

I can define the performance of materials and what is required in order to achieve functioning solutions.

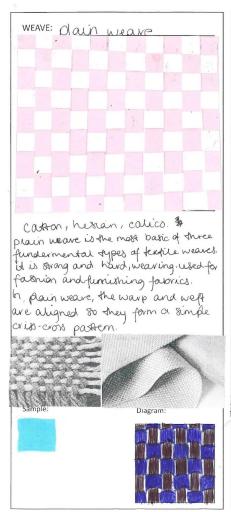


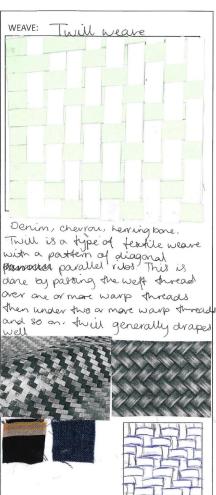




I can investigate materials and their working properties in more detail, by exploring and understanding the categorisation of the types.

I can explain the physical properties in relation to the classification and utilse this knowledge when selecting appropriate materials.

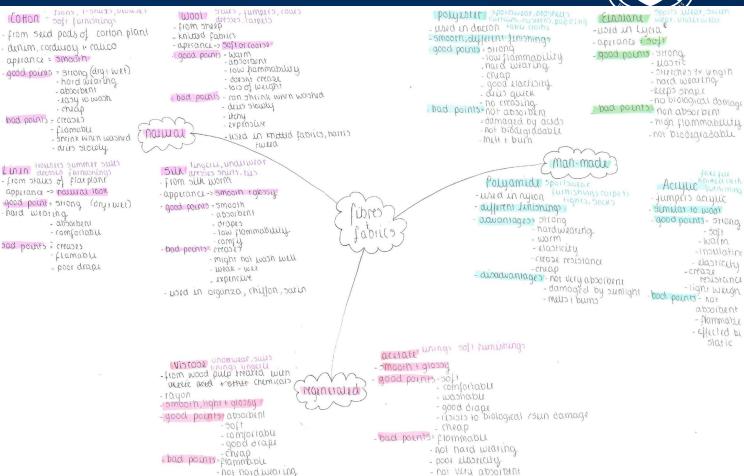






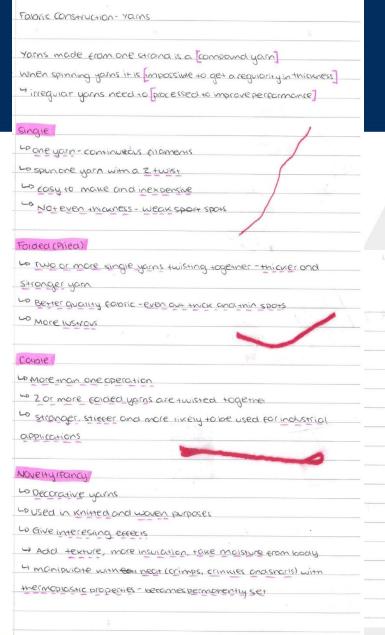


I can explore in some detail the categorisation of materials and their working properties in relation to the physical properties and sources.



- poor electricity

I can demonstrate advanced understanding of specific materials for a wide range of applications, in addition to been able to provide detailed and justified explanations of why specific materials and combinations of materials are suitable for given applications with reference to: • physical and mechanical properties and working characteristics · product function • aesthetics • cost · manufacture and disposal.





Bourette / Knop Yorn

Lofanares officiella certain interiors

To formed during [carding, spinning or footing]

Bourle / Loop yorn

Lo special [faiding process] which [results in waves cricops]

Lo frextured surface]

Chemile

Lo [cut pile yarn]- [soft and voluminous]

Lo made by futting special clores into strips]

Lo furnishing and knitwear]

Crese

Lo Yarn with a [crinkled surface]- [mgmy twisted yarns]

Lo Sociana light

HESSLE HIGH SCHOOL & SIXTH FORM COLLEGE

I can demonstrate an in-depth understanding of the classifications of all groups of fibres, the manufacturing processes used to make fibres in relation to the fibre source (with specific reference to staple fibres and continuous filament fibres) as well as thorough knowledge of fibre, yarn, fabric construction and the engineering of fibres and justification of all of the above in relation to fibre performance and suitability.

Fibre Testing:



Fibre testing is a way to test a variety of fabrics such as heat, hydrophobicity, fray and abrasion. The fabrics i used is calico, voile, ripstop nylon, silk, polyester and felt.

Fabric testing is use for a variety of reasons like finding the quality, how good? How durable? Etc. I found that the synthetic fabrics were more durable than the organic apart from voile which ripped and worm away in the abrasion test, where as ripstop nylon has little to no change which tells me that it is very strong. Throughout the testing I did find that ripstop nylon to be the least impacted but further into the testing the heat melted away the fabric due to it been a synthetic fibre which is plastic based and heat melts away plastics. I used both natural anythetic fibres. Synthetic are usually bad for the environment because they're made chemically resulting in bad toxic gasses been released into the earth's atmosphere causing co2 gasses. They're also plastic based which yet again impacts the environment because they aren't non biodegradable.

The rest of the fibres I have tested are natural which are silk, felt and calico. These fabrics are made without chemicals, mainly coming from plants and animals. Silk (which is created by silkworms) is 100% natural. Fibre testing is a important part of production and manufacturing because it can be used to test the quality and durability of the fibres. It also can be used to increase the quality of the product if the manufacture is wanting a high quality product. If quality control isn't completed then the product would not be up to scratch and break when been used which could result in a poorly made product which the consumer will not want. Additionally, the designer and the manufacturer might get a bad reputation in the industry due to the poor quality of the products resulting in to customers.



This is the hydrophobicity test this is where you're testing the water repellent of the fibre, to carry out this test place droplets of water onto the fibre and watch to see if it absorbs or repels the water. I found that the natural fibres all absorbs the water except calico, were the water rested on top of the fabric. Out of both natural fabrics silk was the most absorbent. On the other hand voile and ripstop nylon repelled the water because they are synthetic, but surprisingly polyester absorbed the water faster and more than the natural fibres.

This is heat test, heat testing is to see how the fibres react with heat. To perform this test you need a heat source such as a iron and turn it on a medium to low heat, place the iron onto the fibres and hold for 1-2 minutes, take of the iron and see what's changed. All of the synthetic fibres which are ripstop nylon, voile and polyester, melted melted due to there plastic base but polyester didn't react like the other synthetic fibres because it bruen around the edges like a natural fibre would. The natural fibres stayed intact and didn't really react. Felt on the other hand slightly burned and went brown as wool is from sheep and it is very hair like causing it to be very fragile. From this test it showed me that natural fires would be god if you wanted a heat resistant product but ripstop nylon and voile would not be suitable.





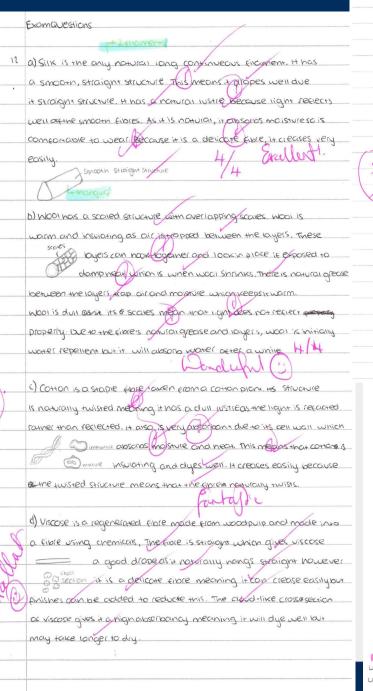
This is the fray test. The fray tests is basically to see the strength of the fibre when its been stretched, pulled and tension is put onto it. To carry out this test I got each fabric one by one and pulled away at one edge multiple times and repeated on the other side but this time cut the side with pinking scissors to see if it would have an effect-and I found that it did on all of the fibres. Silk was mostly affected on this test due to it been woven which can be easily pulled apart unlike ripstop nylon which did not fray at all. Ripstop nylon is a tightly woven fabric witch as beneficial in this test as the tightly woven fibres didn't move or budge and didn't fray at all, this proves that this is the strongest out of them all in this test with silk and polyester been the weakest as silk is warp woven meaning its loosely woven opening a disadvantage for fraying. Although silk proved the worst it is very good for draping and is used for elegant carments.



The last test i carried out was the abrasion test using silk, ripstop nylon, calico, felt, voile and polyester. To carry out this test i got a piece of sandpaper and rubbed, scrapped and pulled it over the fabric individually. This proved that ripstop nylon was the most durable as it is a tightly woven fabric but voile on the other hand ripped and worn away the worst and got holes ripped into it, this happened due to it been lightly woven making it the weakest. All of the fabrics reacted to this test including all the natural and synthetic. If your opting for a durable fibre use ripstop nylon.

Designers cary out these sort of tests to see what fibres are suitable for their products they are wanting to create. It also is a way of quality assurance making sure the fibres and their products will be durable and past the standards of the consumers wants and needs. Out of all these tests i carried out is ripstop nylon was the strongest even though it didn't pass the heat test, usually synthetic fibres are stronger due to how they are made, plastics are usually stronger fabrics as they withstand a lot of damage and have plenty of resistance. The downside to synthetic fibers are they are not great for the environment out weighing there good properties they also go against the 6rs (Rethink, Refuse, Reduce, Reuse, Recycle, Repair).

I can demonstrate the development of advanced, high level understanding of specific materials for a wide range of applications and support this with in-depth knowledge of the classifications of all groups of fibres, the manufacturing processes used to make fibres in relation to the fibre source (with specific reference to staple fibres and continuous filament fibres) as well as thorough knowledge of fibre, yarn, fabric construction and the engineering of fibres and justification of all of the above in relation to fibre performance and suitability.



Exprain the reasons why yorns might be care spun, and may use diagrams in your answer (7 marks) yarns might be gare-spun because care-spun yarns are 40 % to 50% stranger than normal spun yarns and the number broken stationes when sewing seams and hems on denum are reduced. Thee properties of one-spun yarns are the creation of care-spun yarns via twisting staple cibnes allohing a central trament care there are two types of core-spin yorns; sheath core spin ions and a core-spun yarn elastane Shooth core-spun yourn The stretched elastane is covered by a snepton of noncibre can also be covered with one or two strands of non elastic flament yam. The strands are wrapped in orell opposite directions to balance the yorn manipulated with heat due to thermoplastic qualities X Air Jetting X woven to create Laimproves thickness + strength nevery I doesn't rely compressed air atyan creates coops to minic handle or staple MECLE LD OUT PILE YOUR - SOFT + VOIUMINOUS X BCF X to create - aut strips friedm eibres Boucle / LOOP Yorn X LD Avid (now) against Eurnishing + Knitwear rospecial tolding unidenterviti a cold surface - pushes FIDES OUT ! HICKET in waves or loops to and stronger create a textured autore x Faise Twist x Lo tigning huisted + neouset to X crepe X Crecite crinkles + snorles Lo highly twisted yarns Fancy Yams for noisery, swimwear + knitwear with a crinkled surface. soft-and light BOUTEHEIKNOP X 40 bunches of fibres at intervals formed during carding, spinning × Slub youns × X Knit-de-Knit X - single + coided yams to create long and thick LO KNITHING THE YOUR, NECT Places made through setting then unraveiling-Spinning + folding a permanent crimp Plain weaves 4 under 1, over 1 Satin/sateen Gunder 2, over 2 - diagonal pattern Govery, waer 1

4 Stretch + movement

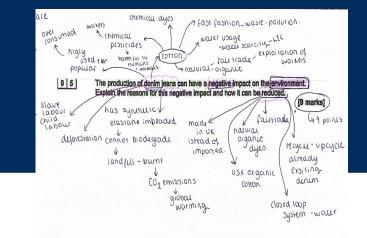
4 movement drope

Fibre and fabric testing	Abrasion test Key Client consultation Brief and specification consideration	<u>Hydrophobicity</u> <u>test</u>	<u>Fray test</u>	<u>Drape test</u>	Washing temperature test	Iron temperature test
Pink nylon	Then I relabed and standagor over the fabric not much design varieties of the content is to quite a relating to the case design that can design and the fabric varieties of the content is the content of	I then total from water resistant the rejoin was knowner, it has areast of from rententation that are perceivated more easily by water so its not water resistant. I show added a water repetitive flowin which made rejoin water resistant whom these reposites of water. When could be used of water. When could be used for a discrete comment of water water for a discrete comment of water. When could be about 10 large amounts of visiter. And of water wa	Notion data: Plany that much higher an anatylary finals was added in the Names it is paired a rinning faiths was added in the Names it is paired in programs. I then added an anatylary finish which means that the faither dails? Plany at all which can be important for some dance constemes. Nythic could be some for a dance consteme became it is desert if they much so may not need to be hommed with any only the sound of the manufactural flat any eight in a must obe. If the programs is not obey, and the same for a discrete constance because it identity from the same of the same	The typin drapped quite well because it is quite a lightwapple flather. At these down well as a quite flexible. I then added a stiffness friends to the flather. I been added a stiffness friends to the flather however, been added it stiff had a bit of a drapp we have been flowed was added it stiff had a bit of a drapp we have be flowed was added it stiff had to bit of a drapp well-to the flower was added it Notice could be used for a datese contame for the state of the state of the state of Notice could be used for a datese contame because it drapper quite well and it quate strends;	Nylon shouldn't be seashed at a high resperature becase it can be heat set so still soften and become badly creased which is not easy to remove.	Nyson needs to be iround at a low temperature because the fabric will melt under a very hot iron because it is a synthetic fibre.
Red satin	To see the nation abussian resistance I robbed a proce of pull analogous or one works of the fasher can because native used and the melting of the fasher can because native to exist a delicate fasher is up of amonged on the surplice of the fasher and fresh at the set to be complete, forever, and proceed to the set of the set of the set of the set of the damaged a lot more which showed that static doesn't re- ported posteriety to observe the set of the set of the Sation way one to be matable, for all doesn't contain the sealer of the set of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the set of the sealer of the set of the set of the sealer of the set of the set of the sealer of the sealer of the sealer of sealer	Statis is not water recisioner because it is processived some easily by water because there is layer spaces because the molecular three added a water repelled finish which level and the same proposed for the exposed to a small amount of water. State could be used fire a disease container because it allows? I need to be water resistant, because it allows? I need to be water resistant, the closer three has most could be used for the closer three has most could be used for the water resistant.	Home touch on on how much shall regard height and entirely possible was made using a nature water if prograd really entitly nature is made using a nature water if prograd really entitly. That is because the termeds due it interface very marked to the program of the water if the distance of the program of	Next I tend how well said obeyes and because he well yourse are should completely hidden by the warp yourse in films and droper very well. I show added a single-point in the films and droper very well. I show added a single-point in the films and the single point in the single point in the single point in the single point with the pool of both in a not for discretion and the a good follow in no so for discretion and the single point will be first in not for discretion and the single point in the singl	Satin should be washed on a low temperature because it is a delicate fabric that would get damaged if it is washed on a high temperature.	Satire should be irround on a our temperature because if may been if it is irround on a high temperature.
Pink netting	When I related self standager over the fightic not much damage van console from eight and resting some change in the console of the gride series, some groupe cover the fight that the first that the first self-self singly inadigues over the first first self-self-self-self-self-self-self-self-	Next I sead how water resistant nesting, was he hecease it has read of four neithants used in the neithant is the new term of four neithants. I show added a water resistant flash which meast that when exposed is small consents of neith which exposed is small consents of neith which water that when he was a small consent of the neith is to not water resistant that when the consent attempt it is not read to thought it is not without resistant when the neithant possible to a good it is not resistant their takes that entering would be a good it is water resistant when it was regulated finish is added to it when it is exposed to a small consent of years.	The entire fails fright date mach because it is a worse fishing all the quite airming invention. I then daded an earlying fishish to the fairlist features, there added an earlying fishish to the fairlist features. Natural could be used for a disease continue because Marting could be used for a disease continue because and agree of the second of the second of the second of the second of the second of the second of second of second second of second of second second of second of second of second of second of second second of second of second of second seco	I then toroth how well the natting dispute before the sufficient finish was used and in the mover, the board or it is quite a strong worse, faither in dule 's really drage that well. I be made at a rightery based to the faither, however, the dule 's really change, but with a real part of the sum of the sum of the partial partial partial partial partial partial partial as High Partial . Natural ground he was for a discover when the partial partial partial partial partial high claims should be that suring could be used for a substitution of the content.	Netting should be washed on a lose temperature because it can get damaged really easily and may get holes in it if it is washed on a really high temperature.	Netting needs to be ironed on a low temperature because it can get damaged easily if it is ironed on a really high temperature.
Red lining	There of time gas diseased a law law I rabbid self- inadepayer soon left from and was in the radio calengal wheel i rabbid single-sandquer over the father. Listing however, could like bound in a disease contains because it so or take installe of a garment as soon? send to be because it is on take installe of a garment as soon? send to be comment to the training material and law level in advance comment because it is not seen while on stage and is not againg into come into contact with much otheration.	Lining is also not water resistant because it is posteristed by water wore easily. I there is a shaded a soure register fistor, which means that the fideric was water resistant when it was append to a small awount of water. Lining could be used for a direct construction. I want to shad a shaded with the state of the shaded with the	Next I treated how much the lawing frayed before and entirphy finish was added to the plather. The limiting was made out of a satis search to frequel quite easily because it has few interfacing to exclude easily because it has few interfacing to exclude a statistic point of the satistic product containst because it along the satistic product of the contract of the limits. My client black that statist limiting would not be autuable to be used in a discove containst because it needs to show the limit proportions to the must failtre- tened in these tending proportions to the waste failtre- tened to the law of the limit of the limits of the satistic properties to the waste failtre- tened has the set of the law as the forester for the condi- tion of the law of the law as the forester for the condi- tion of the law as the forester for the condi-	Listing drapes quite well because it is quite a lightweight fabric and has few interlucing potent so doesn't leave a silf streasure. Listing could be used for a distrect continue because it will now with the datest continue because it will now with the datest continue because it will now with the datest of the date of the date of the date thinks that failing could be used for a datest continue and it is quite used for a datest continue the listing the larger to use it make the continue restly deavy in wear,	Lining should also be seathed on a low temperature because it may skrink if it is seathed on a really high temperature.	Living should be troued on a low temperature because it is a very delicate fabric. Final analys



I can demonstrate the development of advanced, high level understanding of specific materials for a wide range of applications and support this with in-depth knowledge of the classifications of all groups of fibres, the manufacturing processes used to make fibres in relation to the fibre source (with specific reference to staple fibres and continuous filament fibres) as well as thorough knowledge of fibre, yarn, fabric construction and the engineering of fibres and justification of all of the above in relation to fibre performance and suitability.

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Explain the different processes that need to be followed when preparing cotton fabric for dyeing and printing.

FIRSTLY, the experies much be secured, this remarks any oil or inopuritives that accur in a natural eigher than the passic is meccerised, this involves the passic is meccerised. This involves the passic being put in a bath of caustic solid the nowes the fibres swell, again increases their conscious and thou surfaces their conscious surfaces to remark the notion of the conscious sources and algorithms the conscious put in a stemple; this recultings the walking is put in a stemple; this recultings the walking is put in a stemple; this recultings the walking is put in the processes. The processes are alone to now put to remark the processes. The processes are alone to now put is made specific sources and oil commences and conservation of the processes.

Explain how synthetic and manmade fibres can be engineered to improve the properties of the fabrics made from them.

Eibres can be blended to improve their pioperities

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when synthetic gaths are spin they can be given different properties by charging the snapes after hores on the spinner enter to change their charge.

Turn over for the next question

CEROMIC PIOPES are both strong and lightweight It also has high resistance—
whom resist heat up to 1000°C. This makes became chores good hosy temperature
became chores good hosy temperature
became chores good hosy temperature
became chores one of require may temperature
became in gammenes to require may temperature
became chores are a also strong - as stronger than steel analytic properties are after used in gammens and ightweight
be than steel analytic are after used in a crospace and military as the are increating strong. Carbon can also analytic electricity
so are are used in garmens that include electrical amponents like aps or heart rake marriers.

Committees give W protection

Explain how ceramic and carbon fibres can be used to enhance fashion and textile

<u>"Keviar includes canbon</u>

The production of denim jeans can have a negative impact on the environ Explain the reasons for this negative impact and how it can be reduced.

Denim jeans are made from a bund of cotton and elastane. This means that, because of the synthetic element, the labric connot blodegrade and will eventually end up in landful. This could then be bunt which creates Cox emissions + contributes to global warning. The cotton in denim, although is a natural fibre, can be very bad for the environment hinen cotton is grown chemical pesticides are used to prevent the plant from being eaten. However these pusicides so haimful for animals as well as humans and can be toxic for workers in these conditions. The pisticides also can pollute water sources similar to dramical dyes. This is bad as water sources will no longer be able to use no they are toxic for animals + humans. This is especially bad for low income countries as wader scarcity is a life threatening issue to grow and produce conton, a lot of water is used, water that may be needed for people to use in used up by growing cotton + can be polluled; a salution to this is closed loop manufacture, where the same amount of water + divers are used over and over again Some other invironmental impacts could be reduced by using natural organic dyes which done name loxic Chemicals in them, recycle + upcycling already existing

derim products into something new and by

fauttade branded products to ensure workers

have been payed fairly and in safe yorking conditions.

Turn over ▶



Progression in Textiles Technology

Development of specialist and technical skills



Key Stage 3 - Year 7









I can demonstrate basic practical skills and show understanding of how to use appropriate tools, equipment, machinery and materials.





Key Stage 3 - Year 8

I can demonstrate a range of practical and manufacturing skills and how to further use appropriate tools, equipment, machinery and materials.



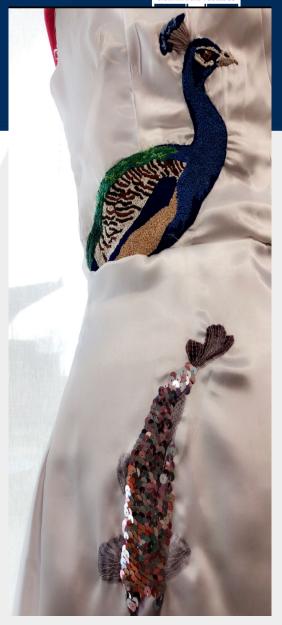




Key Stage 4 - Year 10

I can demonstrate and develop a wider range of specialist practical and manufacturing skills and how to further use appropriate tools, equipment, machinery and materials with accuracy, working towards understanding how to create and develop commercially viable products.





Key Stage 4 - Year 11

I can independently, with some precision demonstrate specialist and technical practical and manufacturing skills and processes, and how to independently use a range of appropriate tools, equipment, machinery and materials to produce a commercially viable product.







Key Stage 5 Yer 12-13

I can innovatively demonstrate in-depth and significantly complex, specialist and technical practical and manufacturing skills and processes. I can independently demonstrate dimensional high level, accuracy and precision with a wide range of advanced tools, equipment, machinery and materials to produce a high-level, commercially viable product.



