

Please note: The evidence presented in this exemplar provides snapshots of student evidence.

Context: "Raising your profile"

Each year the school holds a fashion show profiling local businesses and showcasing our work. The show will be held in September at the local theatre which holds 500+ people.

You will need to evaluate and select suitable materials, components, techniques and processes for use in making a prototype. You will also need to provide evidence of how you have used the evidence from ongoing testing and stakeholder feedback to inform the making and trialing of your prototype in the intended social and physical environment and its ability to address your brief. Justify any decisions to accept or modify the prototype.

The starting point of evidence for this standard was the students refined brief. The student decided to show her design to a local named retailer who also designs wedding gowns and ball dresses. He challenged her design and asked her to think about the circular bust feature and the design element of line. The student further developed the bodice of her garment to include a princess cut bodice and converging diagonal lines to soften a horizontal line under her bust. She used her stakeholders opinion as to 'flattering' lines for her body shape as she made these decisions.

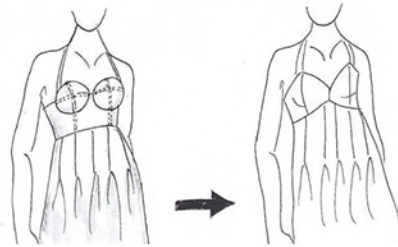
Refined Brief

To develop a garment that will profile my style and will be suitable to wear to the school ball in March at our local theatre. The garment will have two looks, that is, a short version that can be worn to the pre and after ball and to start the runway walk and the second will be full length for the actual ball and to leave the runway so that there is an element of surprise at the fashion show. The two looks will be useful at the ball as I can go to the pre and after ball in the short version and comply with the dress code by wearing the full length version at the actual ball. The garment will need to be completed in 20 weeks in order to be ready for both occasions and be able to be made using school equipment.

Specifications

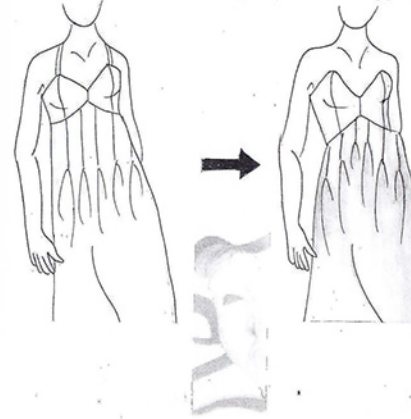
- fits me (bodice is secure)
- be eye catching
- be easily adaptable (the skirt will be able to be pulled up in to a short bubble skirt by a ribbon)
- easy to move in for dancing and on the runway (comfortable for my dance moves and to stride on to the runway)
- be respectable as it is a school function (meets the school dress code of formal)
- princess cut bodice and pleated skirt to create illusion of height and slenderness
- uses a firm fabric to hold the shape and create a formal structure
- lined with a soft fabric to create soft bubble effect
- crease resistant from sitting down to standing up
- within a budget (\$200)

The chosen concept was modified by altering the shape of the bust and waistline according to experimentation with lines and shape. The rounded bust was altered to a bust with diagonal lines and a princess seam, drawing the eye down the body causing a longer slimmer look.



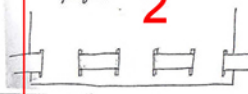
development development

The design was modified further after more considerations on line, proportion, shape and the overall appearance of the garment. The waistline was altered further by making the pleats all the same length which resulted in them falling in a diagonal line corresponding to the lines in the bodice, again drawing the eye down the body and adding interest. The line of the bodice was brought down further to fall at my natural waistline. The top of the bodice was changed to a smoother line without straps to add interest and make the garment more aesthetically pleasing.

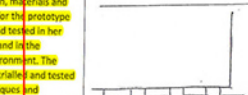


Several different techniques can be used to secure the hem of the dress to the waistline using a ribbon. The different ways are explored below. After consulting with my stakeholders, the last concept was chosen for reasons specified.

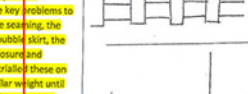
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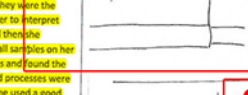
Slits (using a buttonhole technique) are cut along the hem of the dress. The ribbon is then inserted in and out of each slit and the two ends come together on the right side to tie in a bow. The problem with this concept is the slits will be seen on the evening side of the dress when the ribbon is taken out.



This one was made to go into the hem of the dress (like a tab top curtain). The ribbon is then threaded through the tabs and the two ends come together on the right side to tie in a bow. The problem with this concept is that the tabs will sit at the bottom of the hemline when the dress is done however this could be a feature.



A casing is made to replace the hem of the dress. The ribbon will thread through the casing twice and the ends will come out at the right side to tie into a bow. This concept will work really well to pull the ribbon tight at the waist however there may be a problem with pulling the ribbon out easily and threading it back through.



This is the chosen concept. Belt loops are sewn along the hem of the dress and the ribbon threads through each one with the two ends coming out at the right side to tie into a bow. This concept works best as the belt loops are unobtrusive on the evening dress and they allow for ease.



Evidence of this trialing and testing is on this and the next page.

1 fabric justification

Different fabrics were considered and evaluated before my stakeholders and I chose the final fabrics to ensure we were choosing a fabric that would be best suited for the final garment.

For Day Exterior	Fabric Specifics	Fabric Performance
	Leve Chiffon Fibre Content: 100% polyester \$12.99/m with width: 114cm	The polyester qualities of this fabric mean that it is easy cleaned and very strong. It is durable, crease resistant and lightweight.
	Textured Chiffon Fibre Content: 100% polyester \$24.99/m with width: 122cm	The polyester qualities of this fabric mean that it is easy cleaned and is very strong. It is durable, crease resistant and lightweight. The texture will aid with crease resistance.
	Double Georgette Fibre Content: 100% polyester \$10.99/m with width: 145cm	The polyester qualities of this fabric mean that it is easy cleaned and is very strong. It is durable and lightweight however this particular fabric is not crease resistant which will be problematic.
For Evening Exterior	Fabric Specifics	Fabric Performance
	Silk Dupion Fibre Content: 100% silk \$34.99/m with width: 112cm	This fabric will crease extremely easily which will be a problem however it is heavy which will be helpful when the dress needs to drape. Its rough texture will be a problem as it won't glide over the skin.

	Satin Deluxe Fibre Content: 94% polyester, 6% spandex \$12.99/m with width: 112cm	The polyester qualities of this fabric mean that it is easy cleaned and is very strong. The stretch qualities of the spandex may be helpful for fit and comfort but will be a problem when evening pleats.
	Delustrated Satin Fibre Content: 100% polyester \$35.99/m with width: 150cm	The polyester qualities of this fabric mean that it is easy cleaned and is very strong. Its delustrated quality will flatter and its smooth texture will aid the drape. It's also very crease resistant.
	Satin Lining Fibre Content: 100% polyester \$20.99/m with width: 122cm	The polyester qualities of this fabric mean that it is easy cleaned and is very strong. Its smooth surface will be comfortable to wear for long periods of time.

Chosen Fabric for Day Exterior: Textured Chiffon (polyester)

The student researched a range of fabrics suitable for her design (not all the research is shown in this exemplar.) Her comments linked the performance properties to the aesthetics and function of the garment within the intended environment.

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The student selected the delustrated polyester satin for the main garment, textured chiffon for the bubble skirt and polyester satin lining fabric. The student justified each choice as shown in this example for the textured chiffon.

Textured Chiffon is a 100% polyester material with a semi-transparent finish. The polyester qualities of this fabric mean that it is easy cleaned and is very strong. It is durable and therefore will cope with the physical expectations of the garment. The fabric is very lightweight which means it is cool and will be less bulky when the dress is done and up which will flatter my figure. Also the light properties will aid the drape when the ribbon is removed and needs to float to the ground. The polyester fibres are also crease resistant therefore there will not be any worries as to the appearance of the garment after being stored in a car for lengths of time. Also the crinkled texture of the fabric will not only allow for any accidental creases but gives the garment shape and increases the desirable aesthetics of the garment.

Having made decisions with the help of her stakeholders as to a suitable design, materials and components for the prototype to be worn and tested in her various roles and in the intended environment. The student then trialed and tested various techniques and processes. The key problems to be solved were securing the bodice to the bust, the pleating, zip closure and finishing. She trialed three fabrics of a similar weight until satisfied that they were the best way for her to interpret her design and then she conducted small samples on her selected fabrics and found the techniques and processes were all suitable if she used a good quality machine sewing thread and a fine (No 70) needle.

Evidence of this trialing and testing is on this and the next page.

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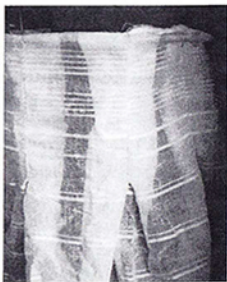


The pattern pieces that were cut out still contained seams from the base shape. These seams would be distracting for me when I cut the final bodice pieces, also these pieces didn't have seam allowances so they had to be added as well. To fix these problems I transcribed the lines for the pieces on to new calico to give clear pattern pieces. I then sewed these pieces together to ensure that the pieces were functional. For the final these pieces would be cut out twice to give a right and left side. These pieces will then be attached to the back pieces cut earlier.



This picture shows the full view of the skirt. It shows how perfectly the skirt falls to the ground in long vertical rivets. This skirt was made from a rectangular piece of material so for it to fit the bodice I've made, then it will need to have a diagonal line at the top. This can be achieved by laying the bodice over the top of the skirt and drawing in the line of the bodice and then cutting the skirt to fit. The pleats will then have to be measured and re-sewn to ensure they were all of the same length giving a diagonal line from the bottom of each pleat also to correspond with the diagonal lines of the bodice.

The following is the functional modeling of the skirt section of the dress. The pleats were put in place (i.e. they had been measured and calculated to ensure they were the same width, and then sewn together to give inverted box pleats) and then secured across the top with tacking to ensure the pleats sat flat and didn't move in order to efficiently model the skirt for functionality.



This picture shows the inverted box pleats and how they needed to be tacked to ensure they sat flat against my body. These pleats were chosen because of the way they sit against the body minimizing bulk, which is especially important with this particular dress because of the many layers the dress consists of, maintaining a flattering look for my body shape.



This picture shows the functional modeling of the tabs on the bottom of the dress. This belt loop concept, chosen by my stakeholders and me from previous development, needed to be tested for functionality. Separate pieces of calico were cut and sewn to the skirt and ribbon put through the centre to ensure the dress would stay securely up like the garment is intended. The 'belt loop' concept worked perfectly and therefore coupled with the most efficient fabric, the garments function should work perfectly.

Refined Brief

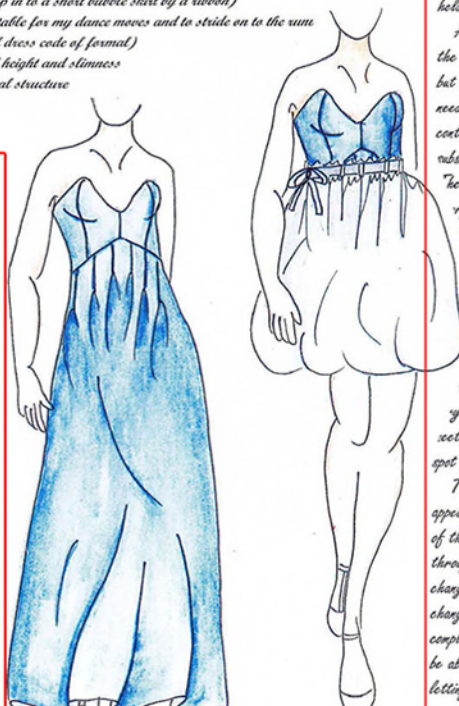
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This page shows the final brief, testing of the prototype and part of the evidence to justify the acceptance of the final outcome.



3

very easily adapted it to an evening gown from a day dress. The quick turning evening gown that can be worn without any worries or adjustments. As the organiser of the event, I will be rushing around from place to place in order to be ready for the evening gown. The belt loop design of the ribbon attachment (and the ribbon being constructed from lustrous satin) means that the ribbon can be swiftly pulled from out of the centre of the garment. The weight and texture of the surface of the delustrated satin allows it to fall to the ground (slipping over itself) very neatly, securing it to the ground without any worries over the dress being held up in any places.

Again, the fabric used for the final garment is perfect for the issue/brief. The exterior fabric for the day wear, being textured chiffon, allows room for any accidental creases as the texture will hide them but also the texture of the chiffon makes the garment much more aesthetically pleasing, which is also needed as I am meeting with important funders and suppliers of the event. The 100% polyester fibre content of the chiffon means that it is easy cleaned which is important as my job involves me carrying food substances that may accidentally spill and therefore I need to remain presentable for the people I meet. The polyester fibres are also very strong which means that fabric will be durable for when I move and carry large objects; the dress can't get ripped, and again must remain presentable for the people I meet. The lightweight quality of the garment will allow it to stay grounded by the heavier satin material therefore only the delustrated satin will be seen in the long evening gown also it will decrease bulk to the flattery of the garment.

The exterior fabric for the evening gown, being a delustrated satin is very fit for its purpose. Its heavy nature means that it will drop to the ground without any concerns and the smooth texture of the surface that it will easily glide over itself without any friction catching it and holding it up off the ground (using grey chiffon). The 100% polyester fibres of the garment mean that it is easy cleaned and very strong. This is important because, just like the grey chiffon, the fabric is exposed while I am working with funders/suppliers and carrying out my jobs during the day therefore needs to be resistant to spot cleaning in case of spillage and durable for when I'm carrying different objects.

The lining fabric chosen was satin lining. The satin weave meant that the fabric has a smooth lustrous appearance and texture and therefore it comfortable against my skin. This coupled with the fibre nature of the other fabrics and the comfortable design of the garment meant that I will remain comfortable throughout the day and into the long evening. This is important as there is no opportunity for dress changes therefore if I am uncomfortable at any point during the day or evening I will not be able to change and relieve any irritations. The garment must also be comfortable during the day because I am completing jobs where I will be walking and carrying objects therefore if I am not comfortable I will not be able to concentrate at the job at hand and therefore decreasing my work efficiency and ultimately letting my head organizer down.