

Candidate evidence

Stage 1: design (33 marks)

Themes (2 marks)

Identify two key themes to investigate from your chosen brief.

Key theme	
Theme 1	I will investigate using upcycled components for my design.
Theme 2	I will research music festival fashion so that I can design an outfit suitable for a music festival.

Investigations (15 marks – each investigation is worth 5 marks)

Carry out **three** investigations into the key themes, using at least **two different** investigative techniques.

Your investigations should include research into **each** of the following, in relation to your chosen brief:

- ◆ textile technologies
- ◆ consumer needs/choices
- ◆ fashion/textile trends

Your evidence for **each** investigation must include:

- ◆ details of the research technique and source(s) used (1 mark)
- ◆ the results of your investigations
- ◆ the main points from your research (4 marks)

Complete the table below.

Investigations			
	Aim What information will you collect?	Technique How will you collect the information?	Source Where will you find the information?
1	What fashion and textiles trends appear at festivals to use in my design to meet my brief.	Internet search	Music festival fashion websites online
2	I will find out what my target market thinks to help develop ideas to use in my design	Questionnaire	20 people who attend festivals
3	I will find out how to make my design and what to use and upcycle to make my design to meet my brief	Interview	- Fashion and textiles teacher



You must produce the results of your investigations shown above.


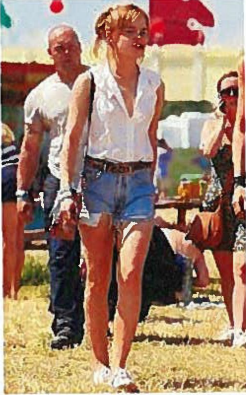

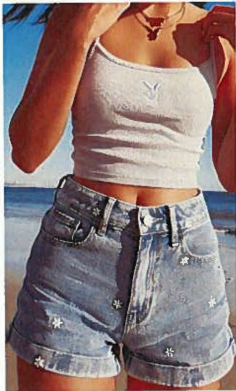
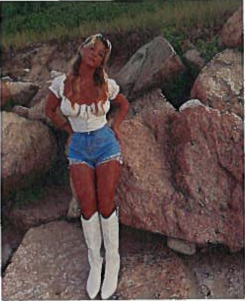

You can present the evidence from your investigations in a variety of ways.

Present your investigation evidence below – you can attach additional pages if needed

Investigation 1: Internet search of fashions worn to music festivals

Aim: I will be investigating the fashion and textiles trends that appear at festivals to use in my design to meet my brief.

Photo:			
Web address:	https://wheretogot.com/look/6851858	https://www.teenvogue.com/gallery/15-ways-to-wear-denim-shorts-inspired-by-coachella-2017	https://www.pinterest.co.uk/pin/723038915155179365/
Colours patterns style fastenings:	Dark blue denim corset top. Light blue denim shorts with rips with covered zip and button.	Blue denim cropped top. Light blue denim and mid blue denim shorts with a button.	Black cropped top with thin straps. Mid wash blue denim shorts with zip and button.
Photo:			
Web address:	https://www.vogue.fr/fashion/fashion-inspiration/diaporama/coachella-trends-denim-shorts/31120#intcid=_vogue-fr-bottom-recirc_9e97d	https://www.pinterest.co.uk/pin/32088216088516270/	https://www.vogue.fr/fashion/fashion-inspiration/story/how-summer-festivals-became-fashion-s-fifth-season/1876

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Colours patterns style fastenings:	Black top with thin straps. Mid blue denim shorts with a zip and a button at the front.	Mid blue denim shorts with covered zip and button. Multi-coloured striped strapless top.	Blue off the shoulder cropped top with tie at the front. Light blue denim shorts with zip and button at the front.
Photo:			
Web address:	https://www.pinterest.co.uk/pin/675891856599885384/	https://www.fanpop.com/clubs/emma-watson/images/13366788/title/emma-watson-glastonbury-2010-festival-photo	https://www.cosmopolitan.com/uk/fashion/style/g2929/festival-fashion-reading-street-style/?slide=5
colours patterns style fastenings:	Black cropped top with thin straps. Mid blue denim shorts with rips and zip with button at the front.	White sleeveless shirt. Light blue denim shorts with zip and button at the front.	Purple tight cropped top. Light blue denim shorts.
Photo:			

Web address:	https://www.pinterest.co.uk/pin/642677809324603854/	https://www.pinterest.co.uk/pin/51509989479103314/	https://www.mirror.co.uk/money/shopping-deals/best-festival-outfits-fashion-inspiration-27230287
Colours patterns style fastenings:	White cropped top with thin straps. Light blue denim shorts with embroidered daisies all over and covered zip with button at front.	white corset style shorts with puff short sleeves. Light blue denim shorts with covered zip and button	Mid blue denim shorts with raw hem and a zip with a button at the front.
Photo:			
Web address:	https://www.asos.com/wrangler/wrangler-festival-denim-shorts-in-bliss-blue-denim/prd/201328640	https://www.pinterest.co.uk/pin/1044624076043342016/	https://pclifestylefashion.wixsite.com/pclf/single-post/2018/04/19/the-best-styles-at-coachella-2018
Colours patterns style fastenings:	blue denim shorts with covered zip and button. pink orange and white cropped top with tie at front	Light blue denim shorts, covered zip and button with embroidered sun on back pocket	White cropped top with thin straps Light blue denim shorts

Photo:			
Web address:	https://www.pinterest.co.uk/pin/760404718348308320/	https://www.pinterest.co.uk/pin/373165519135239518/	https://www.pinterest.co.uk/pin/101260691612616860/
Colours patterns style fastenings:	white cropped corset style top with off the shoulder straps and blue denim shorts	Brown corset style top with thin straps and bow at front. Light blue denim shorts with covered zip and button.	White top with tassels and thin straps. Light blue denim shorts with rips and covered zip with a button at the front.

Conclusions

One conclusion that I have drawn from my research is that a lot of people like wearing denim to festivals. So therefore, to meet my design brief I will make denim a main component as I think this would appeal to people who go to music festivals.

Another conclusion that I have drawn from my research is that many people wear shorts to festivals. So, to meet my target audience's requirements I am designing a pair of shorts and I will ask my target what the majority would prefer for the style and length.

Another conclusion I have drawn from my research on what people wear to festivals is that thin strapped tops are popular but people are also wearing strapless corset style tops, halter necks and some tops with sleeves. So to meet this requirement I will ask my target market what style of top they would like.

A final conclusion that I have drawn from my research on what people wear to festivals is that most of the people who wear denim will wear light blue denim but there are different shades of denim so I will confirm which shade is the most popular and use this colour in my design.

Investigation 2: questionnaire to target market - 20 people who go to music festivals.

Aim: I will be asking 20 people about my ideas so that I can get my design right and that it will appeal to them to meet my brief. I will also be asking them about up

Investigation 2: Questionnaire to 20 people who attend festivals

Aim: I will find out what my target market thinks to help develop ideas to use in my design and what they think about using upcycled components.

What waist do you prefer for denim shorts?

low waisted	1
mid-rise	14
high waisted	5

What fit do you prefer for shorts for a music festival?

tight fit	4
relaxed fit	10
oversized fit	6

What colour of top would you prefer for a festival?

black	5
white	11
multi coloured	4

What shade of denim would you best like for shorts for a music festival?

light blue	11
mid blue	7
dark blue	2

What length of shorts would you prefer for a festival?

long (below knee)	1
medium (just above knee)	7
short (mid-thigh)	12

What fastening do you prefer on shorts

row of buttons	4
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button with covered zip	16
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What length of top would you prefer?

cropped	17
mid-length	2
long	1

What fit would you prefer for a tight top for a festival?

baggy	4
relaxed	6
tight fitting	10

Would you like the shorts to have been recycled from jeans?

yes	15
no	5

Would you prefer wearing shorts with decoration to a music festival?

no decoration	5
rips	4
embroidered flowers	11

Are you more likely to buy an upcycled item of clothing?

yes	14
no	8

What neckline would you prefer?

V-neckline	10
square neck-line	2
halter neck	8

What qualities do you want the design to have? (choose all that apply)

Comfortable	17
Crease resistant	14
Lasts a long time	4
Holds its shape well	9

Conclusions:

1. 12 out of 20 want the shorts to be short in length so I will take this to mean that members of my target market are more likely to buy short length, I will use this information by making the shorts in my design be short in length for my target market.
2. 17 out of 20 people in the questionnaire want the top to be a cropped top. This shows me that my design will be more appealing to a strong majority of my target audience if the top is cropped, so I will use this information by making the top in my design be cropped.
3. 14 out of 20 want the shorts to have a mid-rise waist line. This shows me that more people want a mid-rise waist line than any other waist-line. To meet this preference I will make the shorts in my design have a mid-rise waist-line.
4. 14 out of 20 people from my questionnaire have said that they are more likely to buy an upcycled item of clothing. This shows me that the majority would prefer the design to include an upcycled component. So, to appeal to my target market I will make my shorts out of a pair of old jeans so I can reach this preference and meet my brief.

Investigation 3: Interview with a textile expert - [redacted] teacher of Fashion & Textiles Technology

1. How can I best meet the upcycled design brief?
You could customise an existing piece of clothing or use the material, fastenings, embellishments from old clothing, curtains, bed sheets or even the ends (remnants) for rolls of fabric that are often thrown away.
2. What is the best way to turn jeans into shorts?
Denim shorts are very easy to make from old jeans - the easiest way is to find a pair that have the correct colour and fit and cut off the legs and you will have a pair of denim shorts.
3. What is best to use for loose fitting denim shorts?
As above, find a pair of old jeans that have the right fit - in this case loose enough around the hips and thighs to achieve a loose fit.
4. What seams are best for loose fitting denim shorts?
If you create your shorts from a pair of jeans with the right fit you may not need to sew any seams - simply cut off the leg at the desired length and leave the raw edge frayed

or hem. Otherwise felled seams are generally used for denim as they are strong and lie flat so less bulk.

5. What is the best fastening to use on denim shorts?
As above - you could use jeans and have a ready made fastening - typically an exposed zip covered with a fly front and fastened at the top with a metal shank button.
6. What is the best material to make a tight fitting top?
Probably a synthetic material such as polyester with some added elastane for a tighter fit.
7. What seams are best for a tight fitting top?
An overlapped seam as it will accommodate the stretch in the fabric as well as being strong.
8. What hem is the best for a tight fitting cropped top?
Overlock the edge to finish the raw edge and turn up once to avoid bulk.
9. How can I add an embroidered pattern to the shorts?
Use an embroidery machine for speed and accuracy - either use freehand or download an image and follow the prompts to add the thread colours required.
10. Is denim suitable for a festival?
Yes- denim is 100% cotton and therefore is a breathable and absorbent fabric.

One conclusion I can draw from my interview with a textiles expert is that cutting off a pair of jeans is the most efficient way to make my denim shorts and will meet my upcycled design brief. I will not have to add any fastenings or seams because I can just use the ones from the original pair of jeans. So I will be using old jeans to make my upcycled design.

Another conclusion I have drawn from my interview with a textiles expert is that when constructing my top I should use an overlapped seam because it should work well with the tops stretch and then I should overlock the hem turn it up once so I will use overlapped seams and an overlapped turned up hem to make sure that my top is well made and have the best appearance possible.

Another conclusion I have made from my interview with a textiles expert is that in order to make my tight fitting top I should include elastane in my material to give my top stretch I will be pairing this with polyester to create a very tight-fitting effect which is what my target market wanted in investigation 2.

A final conclusion I have drawn from my interview with a textiles expert is that in order to add my embroidery to a high standard my best option would be to use an embroidery machine as this is fast and will give a high quality finish. So I will be using an embroidery machine to add embroidery flowers to my shorts.

The solution (16 marks)

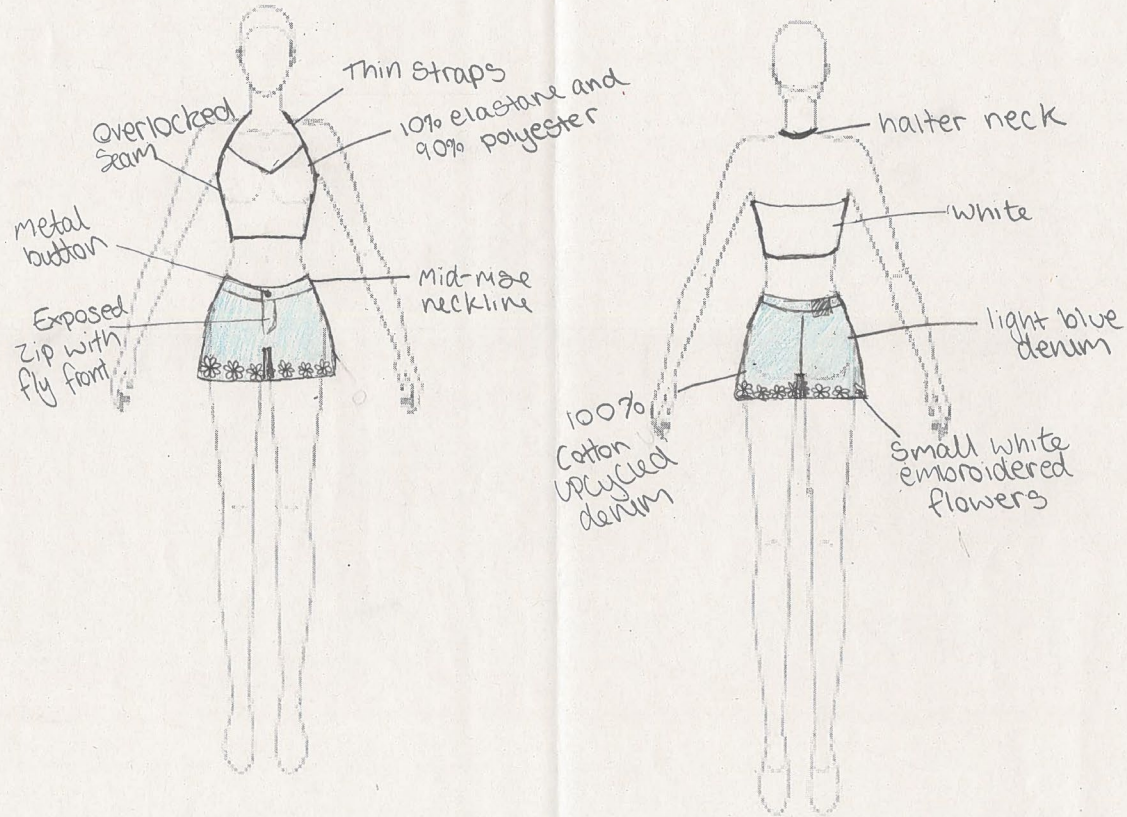
Present an appropriate solution (2 marks)

You could present your solution as a description, a labelled diagram, a computer-generated image, samples of fabrics and components to be used with written commentary or a combination of these.

You must provide enough detail to allow your solution to be clearly visualised.

Present your relevant evidence below – you may attach additional pages if needed

UPCycled denim Shorts Suitable for a festival



141

Justify the features of your solution (14 marks)

You must identify and explain **seven features** of your solution which refer to the findings from your investigations.

Your identified features must include:

- ◆ at least two design features of the solution
- ◆ at least two properties or characteristics of the textiles
- ◆ at least two construction techniques

Features	Explanation
Design features of the solution (minimum of 2)	<p>Identification: Embroidered feature I am including an embroidered feature by having small white flowers embroidered all around the bottom of the leg of the shorts. During investigation 1 I could see many examples of white clothing and in investigation 2 my target market preferred a white top and that people like the colour white for festivals. I found that people like the colour white for festivals so I will make the embroidered flowers white. During the questionnaire in investigation 2 I discovered that 11 out of 20 preferred having embroidered flowers as decoration in comparison to the other options. Because 9 people didn't want this I'm only going to add small white flowers around the bottom of the leg of the shorts. In investigation 3 I then found out that the best way to add this feature is by using an embroidery machine.</p> <p>Identification: Colour white I am including the colour white in my design by making a white top. In investigation 1 I saw that it was a common colour for people to wear to festivals. In investigation 2 a questionnaire 7/16 on my target market then showed that the majority would prefer to wear a white top to a festival. I think this would be good because light colours go well with bright summer weather.</p> <p>Identification: Light blue denim I am including light blue denim in my design though a pair of light blue denim shorts. In investigation 1 I found that denim was very common at festivals and that light blue denim was more common than other shades. Then, in investigation 2 my questionnaire showed that more than half of the participants also had a preference towards light blue denim, so I will be meeting this need.</p>

<p>Properties and characteristics of the textiles (minimum of 2)</p>	<p>Identification: 100% cotton denim During investigation 2 I found that a majority (17 out of 20) would prefer that their clothes at a festival are comfortable. Cotton is breathable so it will help the person wearing it keep cool during hot weather and it is absorbent to absorb sweat in the warm atmosphere during a music festival. In investigation 3 my textiles expert then established that 100% cotton denim would be best for my denim shorts. I will be using upcycled denim from old jeans as recommended by my textiles expert.</p> <p>Identification: polyester During investigation 2 I found out that the majority would prefer the top to be crease resistant (14 out of 20) and comfortable. Polyester would help to meet these requirements because polyester has very good crease resistance and is also breathable so will help to keep the person looking smart at all times. My textiles expert also recommended polyester to give a tight fit to my top.</p> <p>Identification: Elastane Whilst completing investigation 2 I found that the majority preferred the top to be tight fitting. Elastane would help to meet this preference by making the top stretchier so that it can have a tighter fit whilst also being easy to get on and off. During investigation 3 I then found out from my textiles expert that using a fabric that has elastane in it would be the best choice.</p>
<p>Construction/ finishing techniques (minimum of 2)</p>	<p>Identification: Zip with button During investigation 1 I found that a strong majority of those who wore denim shorts had an exposed zip covered with a fly front and fastened at the top with a metal button as the fastening. Then, in investigation 3 my textiles expert confirmed that a zip with a fly front and a metal shank button would be the best fastening for my denim shorts and that I would not have to add these fastenings myself due to using a cut off pair of jeans to make my shorts. This will allow me to upcycle the fastenings too to meet my brief.</p> <p>Identification: An overlocked seam During investigation 3 I found out from my textiles expert that the best seam to use for my tight fitting cropped top would be an overlocked seam due to its strength and it would allow the fabric to stretch by stretching with the fabric. I want this garment to last a long time and the strength of this seam will allow it to be worn repeatedly over a long period of time.</p>

Stage 2: evaluation (7 marks)

Test for evaluation of the solution (4 marks)

You must produce evidence of carrying out a test to evaluate the suitability of your solution, using **one** investigative technique.

Your test must include:

- ◆ details of the research technique and source(s) used
- ◆ the results of your research
- ◆ the main points from your research that you will use to evaluate your solution (4 marks)

Aim What information will you collect?	Technique How will you collect the information?	Source Where will you find the information?
I am going to test my design to see if it's suitable for my target market	I will do a questionnaire.	The questionnaire will be questioning 10 festival goers.

You can present evidence from your test in a variety of ways, such as a written report, graph, chart, table, notes from an interview, photographs or any other relevant format.

Present your evidence below – you can attach additional pages if needed

1. Do you like the length of the top, if not why?

yes	8	
no	2	If not, why? "want it a bit longer"

2. Are you happy with the length of the shorts? If not, why?

yes	6	
no	4	If not, why? "prefer shorter" "would like a bit longer" (4) "shorter"(0)

3. Do you like that the shorts are upcycled from jeans?

yes	9	
no	1	

4. Do you like the fit of the top, if not why?

yes	9	
no	1	If not, why? "too tight for me"

5. Do you like the placement of the embroidered flowers?

yes	10	
no	0	Where would you prefer them?

6. Are you happy with the fit of the shorts?

yes	8	
no	2	"a bit baggier"

7. Are you happy with the colour of the shorts?

yes	7	
no	3	If not, why? "maybe a bit darker"

8. Is there anything you would like to change?

yes	2	If so, what? "looser and a bit longer"
no	8	

One conclusion I have drawn from my test questionnaire is that I have met the target market's preference by placing the embroidered flowers around the bottom of the shorts as 10 out of 10 agreed with this. This shows that I have met this part of the brief to design an item suitable to wear to a music festival as I think the flowers are very festival-like.

Another conclusion I have drawn from my test questionnaire is that I have further met what my target market wants by making my shorts be upcycled from jeans. I know this because 9 out of 10 liked this feature. This shows that I have met my upcycled design brief because my shorts are made from upcycled jeans.

Another conclusion I can draw from my test questionnaire is that I have not fully appealed to what length of shorts my target market wants. Though 6 out of 10 liked the length of the shorts, a large percentage (40%) disliked the length and I found that some felt they were too short. To reach more of my target market I will add a few extra centimetres to the bottom of my shorts.

A final conclusion that I have drawn from my test questionnaire is that the target market is happy with the fit of the top. I know this because 9 out of 10 agreed that they liked the fit of the top. This helps to meet part of the design brief of designing an item suitable to wear to a music festival as this type of fit is very popular at festivals.

Evaluation of the final solution (3 marks)

You must evaluate your solution, with reference to the brief you selected and based on findings from your investigation.

Evaluation

The results from my test showed me that the majority liked the colour of denim for the shorts because 7 out of 10 said they were happy with the colour of the shorts. I think this shows I have been successful in meeting the part of the design brief of designing an outfit that is suitable for a festival as light blue denim is very popular for festivals and my target market agreed that it is a colour that they would wear to a festival.

The results from my test also revealed that the majority of my target market were happy with the length of my top. I feel this is a good result as it shows how I have been successful in meeting my design brief of my design being suitable for a festival because cropped tops are a very common trend and well liked by those who go to festivals and my target market agreed that they would wear it to a music festival.

I also found from the results of my test that my target market responded well to the fit of the shorts as 8 out of 10 agreed they were happy with the fit of the shorts. I think this shows I've been successful in meeting the part of the design brief that is designing an outfit that is suitable for a festival as my target market agreed that it was something that they would like to wear to a music festival.

A final piece of information that I have drawn from my test is that most of my target market likes that the shorts are upcycled from jeans. I think this shows that I have been successful because 9 out of 10 said they liked that they were upcycled from jeans. This shows me that I have met the upcycled part of the design brief because my shorts have been upcycled from jeans.