



National 5 Fashion and Textile Technology Assignment Candidate workbook

(for use as a resource in session 2021-2022)

Use this workbook to present your assignment. The wording in this template should not be altered in any way.

There are spaces for your responses for each part of the assignment. You can complete the workbook by hand or electronically. You can add links, extra space or extra pages if needed.

Brief chosen for your assignment.

Develop an embellished fashion / textile item suitable for a pet.

Scottish Candidate Number

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Stage 1: design (33 marks)

Themes (2 marks)

Identify **two** key themes to investigate from your chosen brief.

Key theme	
Theme 1	Embellished fashion / textile item.
Theme 2	Suitable for a Pet.

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	To find out what kind of pet products already exist.	Internet research / shop survey.	Please see bottom of investigation 1 for list of sources.
2	Find out what people would like to see on the pet products.	Questionnaire.	20 dog owners.
3	Find out which fabric and techniques would be best for your pet product.	Product analysis	Range of dog coats provided by school.

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

Aim: To find out what kind of pet products already exist.

Method: Shop survey/internet search

Results: See full size images on following pages.



Conclusions (Shop survey)

1. From research carried out I found polyester is the most common fabric used for embellished pet products therefore my design solution will use a polyester fabric.
2. Based on my findings, dogs are the most popular animal to buy products for therefore the embellished product designed will be suitable for a dog.
3. Neutral and bold colours both featured within my research therefore I will need to ask pet owners in my next investigation which colour they would prefer so as to make my solution appealing.
4. Based on my investigation, a metal snaffle clip is a common fastening for a pet product and therefore I should include one in my design solution.
5. A doggie coat was the most featured item within my shop survey, this would fit in with the conclusion in point 2 (suitable for a dog) and therefore my solution will be based on a dog coat.

Sources

<https://m.made-in-china.com/product/Doggie-Necklace-Collar-Decorative-Dog-Cat-Lead-Pet-Products-735492572.html>

<https://www.made.com/>

<https://www.sparkpaws.uk/products/cotton-candy-color-block-dog-hoodie>

https://www.sparkpaws.uk/products/athleisure-walk-set-grey?_pos=3&_sid=087d193f4&_ss=r&variant=37801943826589

[https://www.sparkpaws.uk/products/black-white-checked-dog_pos=1&_sid=b67fcb9a0&_ss=r](https://www.sparkpaws.uk/products/black-white-checked-dog-_pos=1&_sid=b67fcb9a0&_ss=r)

<https://www.green-bear.co.uk/microfibre-cloths/microfibre-pet-dog-blanket.html>

<https://www.joom.com/en/products/61bdb6ad3be70001bf004423>

<https://fetchshops.com/products/mayari-sequin-embellished-dog-puffer-coat?variant=41444785651865>

<https://m.made-in-china.com/product/Wholesale-Custom-Dog-Cat-Pet-Supply-Products-Supplies-Price-Clothes-Accessories-Collar-1933424965.html>

<https://www.rockstarpuppyboutique.com/dog-clothes/biker-dog-clothes/>

<https://www.misspap.com/puffer-dog-coat/MPP02094.html>

<https://www.rockstarpuppyboutique.com/dog-clothes/boy-dog-clothes/>

<https://www.hettie.co.uk/collections/wool-dog-coats/products/jasper-dog-coat-multispot-lime>

<https://www.notinthedoghouse.co.uk/products/danish-design-blue-2-in-1-ultimate-dog-coat>

Investigation 2

Aim: To find out what people would like to see on the pet product

Method: Questionnaire

Source: 20 dog owners

Results:

- 1: which of the following textile products are you most likely to buy for your dog?
Coat (10) Toy (5) blanket (3) neckerchief (2)
- 2: Which of the following fabrics would be most suitable for your chosen item?
Polyester (5) Cotton (9) Wool (1) Nylon (3) Fleece (2)
- 3: If the product was to have a fastening, which type of fastening would you prefer?
Zip (3) Popper studs (6) Buttons (10) Velcro (1) Ties (0)
- 4: if the product was to be embellished which method of embellishment would you prefer?
Applique (4) embroidery (9) beading/studs (1) embossed design (6)
- 5: Many of the products available include bold colours. Which bold colour would you prefer?
Blue (3) Yellow (1) Red (5) Green (1) Black (8) Grey (2)
- 6: How much would you be willing to spend on a doggy item?
£0-£10 (6) £10-£20 (12) £20-£30 (2) £30+ (0)
- 7: which of the following fabric properties would you consider important: (You can choose more than one)
Easy to wash (20) Durable(15) insulating/warm (8) soft (10) waterproof (8)

Conclusions (Questionnaire)

1. Based on my questionnaire results, people are most likely to buy a coat for their dogs therefore dog coats will be a thought for my design solution.
2. From my questionnaire, people would like to see the dog product made from cotton, followed by Polyester (as seen in investigation 1) therefore I should use a cotton/polyester blend for my fabric.
3. Buttons were the most chosen fastening for a dog product therefore my solution will include a button.
4. Embroidery was a popular choice for an embellishment so I can incorporate an embroidered design on my dog product which will meet the requirements of the brief for an embellished product.
5. Based on my results, black was the most favoured colour for my dog product therefore my solution will have black included which will meet the need for bold colours seen in investigation 1.
6. £10-£20 was the most frequent choice to pay for a dog product therefore my solution will be in between this price range and I will take this into consideration when choosing fabrics and embellishments to make sure that I do not go over budget.
7. Everyone wanted the dog product to be easy to wash therefore I will use a fabric that will have good ease of care.





Investigation 3 (Product Analysis)

Aim: For my third investigation, I chose to do product analysis and took a look at a range of dog coats to identify which features and construction techniques could be included in my design solution.

Method: Product analysis

Sources: range of dog coats available within school

Results:

			
<p>This is a red and black checkered fleece winter dog coat. The outer is made from 61% cotton, 37% polyester and 2% viscose. The lining is made from 100% cotton. The coat has a piped seam the goes around the whole outer edge. It has a Velcro fastening. The inner lining is a fleece fabric. You can wash this coat with similar coloured products.</p>	<p>This is a red vested dog coat. This coat is made from 100% cotton. The fabric has good elasticity so the coat will stay in good shape. The coat has plain and overlocked seams on the inside. There is blue bias binding around the outside of the coat. On the front there is a computer processed design. You can cool hand wash and flat dry this <u>product</u> but you can't tumble dry or dry clean it.</p>	<p>This is a bright yellow reflective dog coat. This outer of the coat is made from 100% polyester and the lining is also made from 100% polyester. On the front there is a piped seam that outlines the front, a zip, buttons and a <u>sewn on</u> logo. It also has Velcro on the outer and the lining. The lining has a fleece material. You <u>have</u> to wash the outer and the lining separately and at 30 degrees. Keep this dog coat away from fire.</p>	<p>This is a grey vested dog coat. This coat is made from 100% cotton. On the inside of the coat there is plain and overlocked seams. There is re bias binding all around the outside of the coat. On the front there is a computer processed design. You can co hand wash and flat dry this <u>coat</u> but you can't tumble dry and dry clean it.</p>

1. From the four dog coats I looked at, cotton and polyester were the most common fabrics used therefore I will use a mix from both of these fabrics for my design solution.
2. A piped seam was used on 2 out of 4 of these coats so I will include a piped seam on my dog product to add decorative detail.
3. Bright red featured in 3 out of the 4 coats, as this was the second most popular colour in investigation 2, I could include red accents/ fabrics within my design to appeal to consumers.
4. All of these coats are washable therefore I will make mine washable as-well by choosing a suitable Polyester or cotton fabric as this will help to meet consumer requirements from investigations 1 and 2
5. Two of four coats had a fleece lining so I will include one on mine too as this will help to make it insulating which will appeal to the consumers who wanted this in investigation 2.

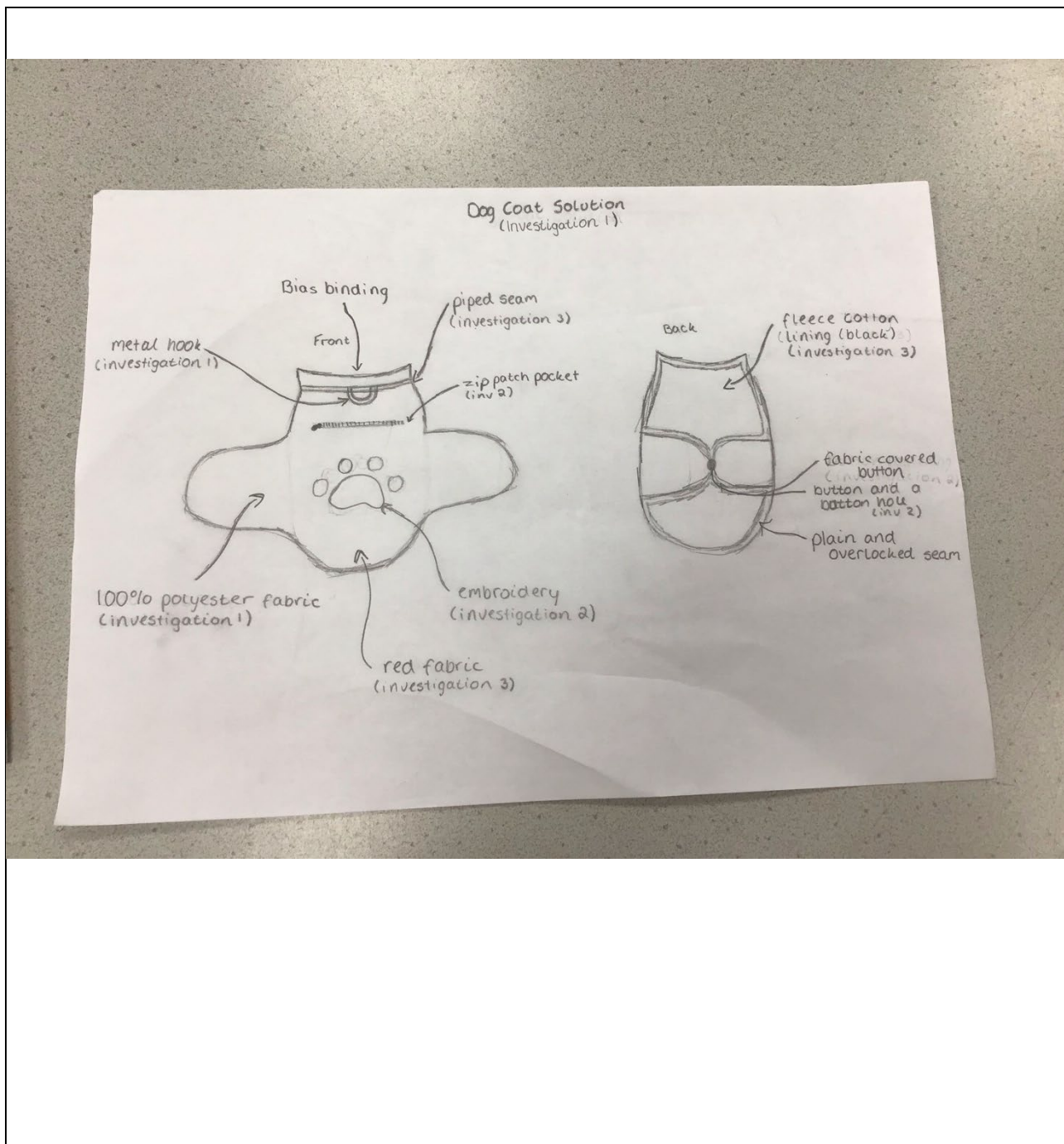
The solution (16 marks)

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



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>From investigation 2, red and black were two of the most well liked colours for a dog coat and they were popular colour choices on other dog coats I have found so I will incorporate these colours into my solution and therefore it will meet the needs of the target group.</p> <p>Embroidered paw print design- in investigation two the dog owners said they would most like embroidery as a form of embellishment on their doggy item. By including an embroidered paw print I will meet the needs of the brief to create an embellished textile item suitable for a pet which will include the type of embellishment requested by target group.</p> <p>Fleece lining- in investigations 1 and 3 fleece linings featured on dog coats. In investigation 2, 8 people wanted the item to be insulating/warm. By including a fleece lining it will meet this need and be similar to existing products.</p>
Properties and characteristics of the textiles (minimum of 2)	<p>From investigation 2, the target group would like the dog coat to be washable so therefore polyester/cotton will be a good choice to choose as both are washable as seen in investigation 3 and therefore it will meet the needs of the target group.</p> <p>For my design solution, I'm going to use a polyester/cotton fabric. From investigation 1 polyester was the most popular choice and in investigation 2 cotton was most popular fabric. By using a blend of these this meets the preferences of the target group.</p> <p>In my solution, the dog coat should be durable so it will last a long time so therefore polyester would be a suitable option for fabric as it is very durable and therefore it will meet the needs of the target group.</p>

<p>Construction/ finishing techniques (minimum of 2)</p>	<p>I have chosen to include a piped seam in my solution. In investigation 3, a piped seam was used on a lot of the coats and it will make the dog coat look more attractive and appealing to the target group and will meet the requirement of the brief for the item to be embellished.</p> <p>For my fastening I will use a fabric button with a button hole. From investigation 2, a button was the most preferred option for a fastening so this meets needs of the target group.</p>
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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?
The suitability of my solution.	Forms questionnaire.	From dog owners who completed my questionnaire from Investigation 2.


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. The pet product I have decided to make is a dog coat. How well have I met your recommendations?
[More Details](#)

6


Responses



4.50 Average Rating
2. The type of fabric I have chose to use for my dog coat is polyester. How well have I met your suggestions?
[More Details](#)

6


Responses



4.33 Average Rating
3. For the fastening, I have decided to use a button with a button hole. How well have I met your suggestions?
[More Details](#)

6


Responses



4.67 Average Rating
4. The embellishment I am using for my dog coat is embroidery. Have I met your recommendations?
[More Details](#)

6

Responses



4.17 Average Rating

5. I have chose to use red and black as colours for my dog coat solution. How well have I met your advice?

[More Details](#)

6

Responses



4.17 Average Rating

6. As I am going to use polyester for my solution, the dog coat will be easy to wash. How well have I met your suggestions?

[More Details](#)

6

Responses



4.67 Average Rating

7. For price range, I have decided to go between £10-£20. How well have in met your recommendations?

[More Details](#)

6

Responses



4.67 Average Rating

Conclusions:

- Testers rated the dog coat as 4.5 out of 5 showing I have successfully interpreted their requirements for the product as drawn from the investigations.
- Polyester was a suitable choice of fabric as it received a rating of 4 stars and reflected the fabric used in other products in investigation 1.
- The button fastening was suitable for the product as it received a rating of 4.67 out of 5 and reflected the wishes of the target group in investigation 2.
- The embroidery received a score of 4 stars which suggests that it did not fully meet the expectations of the target group and could be improved
- Although Red and black were the most popular colour choices in investigation 2 they only received a 4 star rating so the colour combination was not totally appealing to the target group.
- The price range of my solution is correct for this target group as it received an average rating of 4.67.

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 this shows that my solution is deemed suitable as a

1. Testing showed that the dog coat I designed is liked by the target market (scoring 4.5/5 stars) and that I have successfully met their requirements by including their recommendations. This shows that my solution meets the part of the brief about creating a product suitable for a pet as all my research was based on developing a coat for a dog and that I used this information effectively.
2. The embroidery received a score of 4 stars which suggests that it did not fully meet the expectations of the target group and could be improved. To make my solution appeal to the target group I would need to do further research into the type of design they would like. The product however does include embellishment and therefore meets the part of the brief relating to developing an embellished textile item.
3. The Red and Black colour scheme received a rating of 4 stars, this is lower than expected as these were the two most popular colours in my investigations and therefore my product does not fully meet the needs of the target group for an embellished textile item suitable for a pet as they may not be willing to buy this product.