

# **Exemplar for Internal Achievement Standard**

# **Technology Level 2**

This exemplar supports assessment against:

#### Achievement Standard 91350

# Make advanced adaptations to a pattern to change the structural and style features of a design

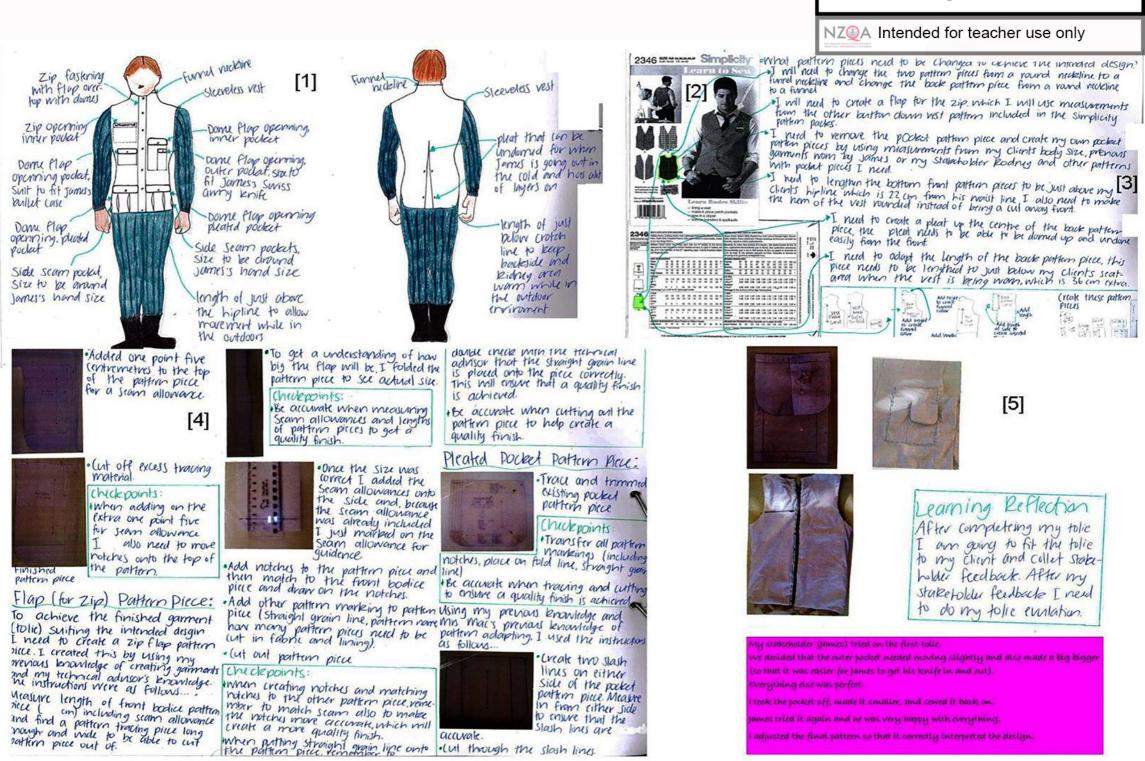
An annotated exemplar is an extract of student evidence, with a commentary, to explain key aspects of the standard. It assists teachers to make assessment judgements at the grade boundaries.

New Zealand Qualifications Authority

To support internal assessment

	Grade Boundary: Low Excellence
1.	For Excellence, students need to efficiently make advanced adaptations to a pattern to change the structural and style features of a design.
	This involves making advanced adaptations, and testing toiles or mock-ups in a manner that economises time, effort and materials.
	The student selected a suitable vest pattern (2) (6) to be adapted for their design (1). Advanced adaptions (changing the neckline and front opening, adding a pleat in the back) (3) were made to the pattern (4) (7) and it was correctly labelled (4).
	Teacher observations and student evidence verify that time was economised by organising how the adaptations were to be carried out, avoiding down-time. Effort was economised by undertaking on-going testing at checkpoints, ensuring that trial and error was avoided. Materials were economised by minimising their overall use (4) (9) (10) (11).
	A final toile shows that the adapted pattern correctly interprets the design (5) (8).
	For a more secure Excellence, the student could have been more efficient in their practice. Trying the fit of the vest at an earlier stage would have enabled adjustments to be made more easily, thus economising time and effort (12).

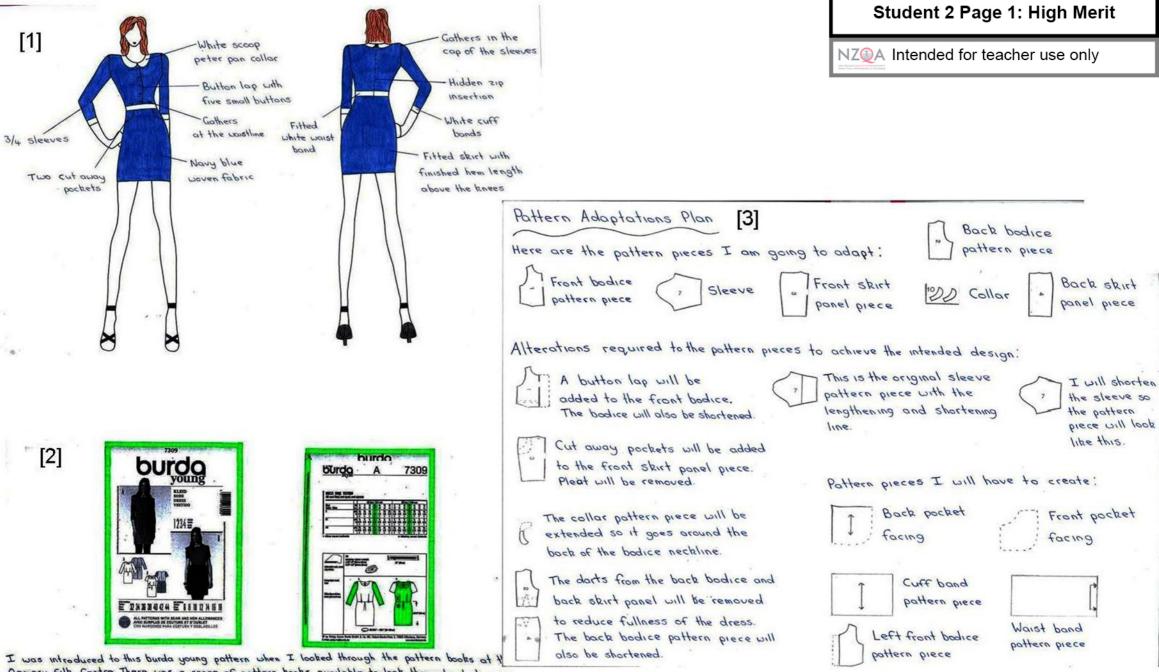
#### Student 1 Page 1: Low Excellence



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		NR BRANE DAR HONORAMIN'S Mar Den Michael & Arthony
Evidence/Judgements for Achievement	Evidence/Judgements for Merit	Evidence/Judgements for Excellence
You makes advanced adaptations to a pattern to	You skilfully makes advanced adaptations to	You efficiently makes advanced adaptations to a pattern to
change the structural and style features by:	a pattern to change the structural and style	change the structural and style features by:
selecting a suitable pattern to be adapted for the de-	features by:	selecting a suitable pattern to be adapted for the design $\checkmark$
sign You obtain a commercial pattern that is suitable for adapting to their design idea ✓ [6]	selecting a suitable pattern to be adapted for a design ✓ showing independence and accuracy in the	showing independence and accuracy in the making of advanced adaptations and the ongoing testing of toiles or mock-ups ✓ making advanced adaptations and testing the toiles or mock-ups
undertaking advanced adaptations of the pattern to	making of advanced adaptations and the	in a manner that economises time, effort and materials
change the structure and style features	ongoing testing of toiles or mock-ups	For example, you:
You adapt the pattern – change shape of neck, [7] change button opening to a flap & zip, remove & add pockets, lengthen, change shape of hem line, add a back pleat carrying out ongoing testing of toiles to refine the pattern as required to ensure the adapted pattern interprets the design and provides the correct fit for the body You - check the sizing is correct on the new neck- line, that tools are easily accessed, fastenings are easy to open and close. The client tries on the safe- ty vest/tool holder to check for comfort and fit. correctly labelling the pattern with grainline, cutting information, pattern piece names, dots and notch- es You correctly label the adapted pattern pieces. constructing a final toile of the adapted pattern to en- sure the final pattern correctly interprets the de- sign for the safety vest/tool holder The final toile fits the body, with structural and style features correctly incorporated. [8]	<ul> <li>For example, you:</li> <li>with minimal teacher guidance accurately adapt the pattern ✓</li> <li>label the pattern and markings accurately (e.g. grainline, cutting information, pattern piece names, dots and notches) ✓</li> <li>carry out tests independently. Results are recorded and modifications made as a result of testing ✓</li> <li>independently follow a modified guide sheet to ensure the adaptations are completed in a logical manner; constructs a final toile of the adapted pattern that fits the intended wearer within the timeframe. ✓</li> <li>complete the final toile which matches the design, fits the body, and includes structural features and style features ✓</li> </ul>	For example, you: are familiar with the correct pattern alteration techniques, and carry them out straightforwardly (ie not using trial and error). Unfamiliar techniques are practised before starting the toile which meant time and materials were not wast- ed, ensuring a quality toile ✓ [9] develop & follow a construction plan that ensured the adap- tations are done in a logical, efficient manner, & the toile is produced in a timely fashion (eg needed little re-fitting). There were no repeats of any steps, because the correct techniques were used in the first place. The developing toile is generally able to be modified so that material, time & effort were not being wasted in always starting from scratch ✓ [10] are organised with resources, in their workspace, and the manner with which you picked up on tasks eg the pattern pieces and the material were cut correctly the first time and therefore there is no wastage; photographs were annotated detailing effi- ciency; the development of the mock-up is completed over sev- eral sessions in an organised and timely fashion ✓ [11] The toile could have been tried on at an earlier stage so that the sides could have been taken in then (rather than later, which [12]

	Grade Boundary: High Merit
2.	For Merit, students need to skilfully make advanced adaptations to a pattern to change the structural and style features of a design.
	This involves showing independence and accuracy in the making of advanced adaptations, and the on-going testing of toiles or mock-ups.
	The student selected a suitable dress pattern (2) to be adapted for their design (1). Advanced adaptions (adding a button lap on the front bodice, removing the pleats, adding cutaway pockets, reducing fullness, extending the collar) (3) (4) (5) were made to the pattern, and it was correctly labelled.
	The teacher determined that accuracy was shown by carrying out modifications to ensure that the design was faithfully represented (1) (6). This detail was documented on an individual assessment schedule.
	The teacher also verified (on the schedule) that the student mainly worked on their own, showing the independence required for Merit.
	A final toile shows that the adapted pattern correctly interprets the design (6).
	To reach Excellence, the student would need to be more economical in time and effort. For example, after pinning the first collar adaption to the garment, the student had to re-do the adaption (5) to ensure that the pattern correctly interpreted the design (1).



I was introduced to this burda young pattern when I looked through the pattern books at 4 Oamaru Silk Centre. There was a range of pattern books available to look through; which were Simplicity, Vague, Butterick and Burda. The pattern I have chosen came from the burda pattern book. I chose this pattern because it matched my intended design the best. I couldn't find a pattern from the other pattern books which matches my intended design as well as how my selected pattern does. This burda young 7309 pattern will be the base pattern I'll work off for the creation of my intended design. I will have to adapt some pattern pieces so the outcome will look more like my design. I have highlighted in green which pattern pieces I will use. I will also be working with size 12 pattern pieces as this is the size of the client-me.

#### Student 2 Page 2: High Merit

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Step 3: [4] I pinned and traced the pattern piece onto pattern tracing fabric. Pattern markings were transferred

accurately with notches. To create the button lop I added on 3cm using a seam gauge. I



# Step 5:

[6]

I then cut out the new right front bodice pattern. Notches were cut out where needed.

Step 44:



Trim any loose threads and press garment for a nice Finish.



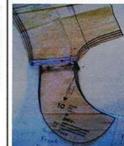
added on 3cm because the buttons I am going to use are 1.5 cm in diameter. The extra 1.5 cm added onto the button lap was to create a fold back for strength.

### Step 7:

I then folded the pattern on the lengthening and shortening line and brought it up to the line I ruled in the previous step. I then pinned the fold into place.

This is the completed right front bodice pattern with a button lap and shortened to allow for a waistband

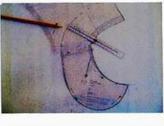
#### Extension on the collar pattern piece



Step 1: I pinned the right front bodice pattern and back bodice pattern together at the shoulder seams. I then pinned the collar pattern on the shoulder seam removing the 1.5cm Seam allowance.

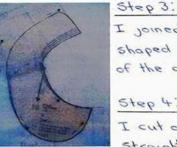
[5]

Make sure the collar is pinned so it sits around the neckline accurately. Check that pattern markings are lined up with other pattern markings on the seamline.



#### Step 2:

To extend the collar I then pinned pattern tracing fabric over top of the pattern pieces and measured the width of the collar. The width is Tem, so I used a seam gauge to make markings Tem around the back neckline.

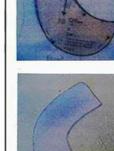


I joined up the markings and shaped the curve at the back of the collar.

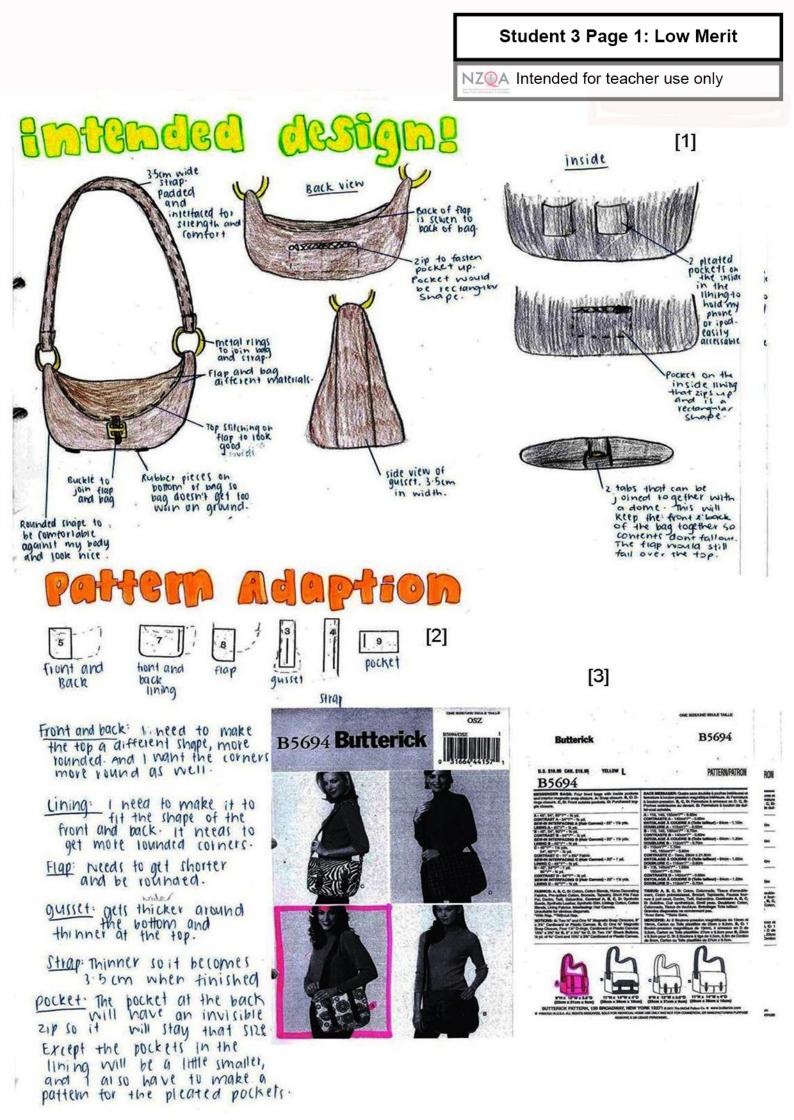
Step 4:

I cut out the collar pattern. Straight gain line is drawn.

This is the new collar pattern piece which has been extended so it goes around the back neckline



	Grade Boundary: Low Merit
3.	For Merit, students need to skilfully make advanced adaptations to a pattern to change the structural and style features of a design.
	This involves showing independence and accuracy in the making of advanced adaptations, and the on-going testing of toiles or mock-ups.
	The student selected a suitable bag pattern (3) to be adapted for their design (1). Advanced adaptions (reshaping the sides, lining, flap, gusset and strap; adapting the pockets) (2) (4) were made to the pattern.
	Accuracy was ensured by: measuring carefully and making sure markings were straight when adapting the strap pattern piece (step 1); adding on the right amount for the addition of a pleat into the pocket (step 2); ruling accurately to ensure even-ness when reshaping the flap and gusset (steps 3 and 4).
	For a more secure Merit, the student would need to show more independence when making adaptations and testing the toile. An individual and annotated assessment schedule indicated that the student needed help from the teacher in completing some of the steps.

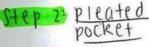


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step 1: <u>Mrap</u>. Measure the length of the strap. 1 used the length of a laptop bag to see how long 1 wanted it

Using pattern tracing interfacing i had to trace my pattern onto it. Then I (ut it out The strap was 350m finished min width & 122cm Pallowan(es(1.5)



I found a pattern prece from another pattern of a pocket. I liked the size so I decided to trace it and then add 4.5 cm on each side for the preats.





espeically with a long patein I had to make suite my markings were accurate and straight. I had to cut 2 in fabric withen on patter.



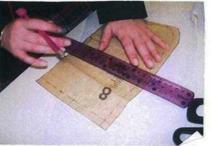
The pocket will be 6cm across and 8cm down. Step 3. Flap.

I had to get the oviginal flap piece and shorten it so that the Width still was 15cm finished & 14.4 in length both with 1.5cm stam allowances. Checkpoints were that 1 had to rule accurately

cross so it j stayed straight and when I traced it that it had place on fold.

## Step 4: Gusset:

to adapt my gusset I FIRSTLY have to find the middle & then make that scm at the top, which changed into the normal size at the bottom. It also needed a 1.5cm seam the whole way as well. when transfering onto pattern tracing interfacing , had to make sure that all the lines were straight, 1 remembered the notches, seam allowances and that the



[4}





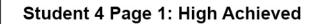
grain line was straight



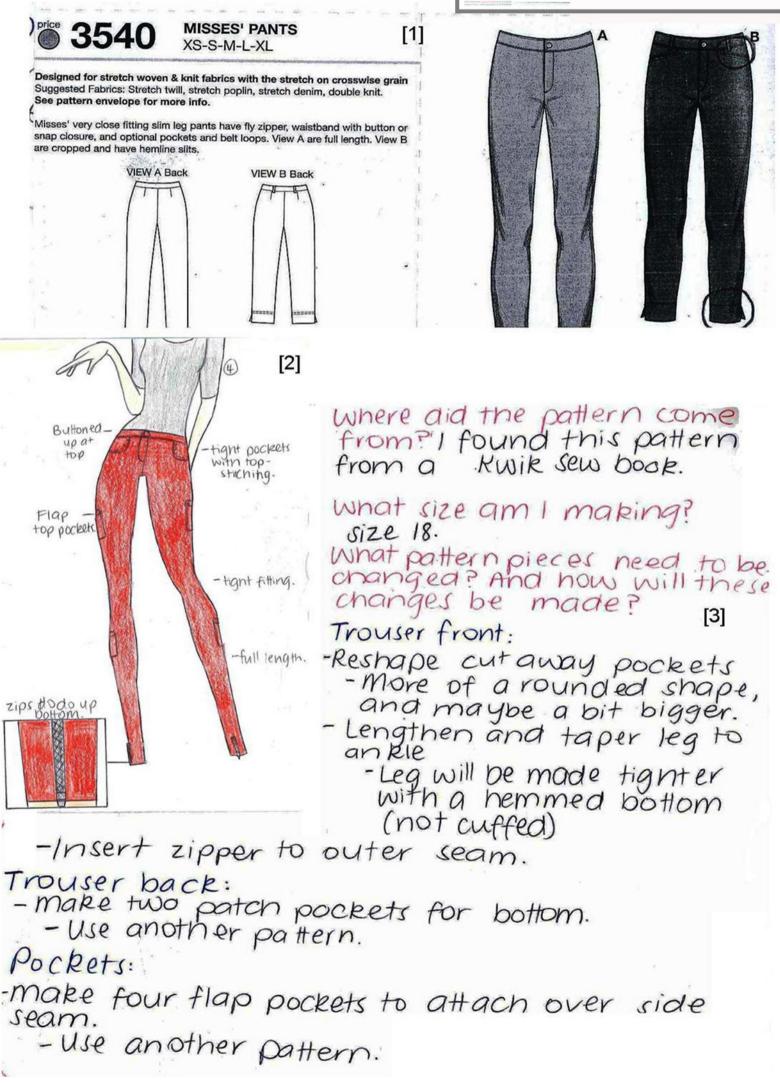
Ideas for my gusset came from this bag. I liked the way it looked with the gusset getting smaller at the top.



	Grade Boundary: High Achieved
4.	For Achieved, students need to make advanced adaptations to a pattern to change the structural and style features.
	This involves:
	<ul> <li>the selection of a suitable pattern to be adapted for the design</li> <li>undertaking advanced adaptations of the pattern</li> <li>ongoing testing of toiles or mock-ups to refine the pattern as required to ensure the adapted pattern interprets the design and provides the correct fit for the body or item</li> <li>correctly labelling the pattern with grainline, cutting information, pattern piece names, dots and notches</li> <li>constructing a final toile or mock-up of the adapted pattern to ensure the final pattern correctly interprets the design.</li> </ul>
	The student selected a suitable pattern (1) to be adapted for their pants design (2). Advanced adaptions (reshaping pockets, tapering legs, creating a zip opening) (3) were made to the pattern.
	On-going testing was carried out to refine the pattern, in order to ensure that the pants were the correct fit. The new pattern was correctly labelled. A final toile of the adapted pattern was constructed (4) (6).
	An individual and annotated assessment schedule includes teacher verification that the student had very little assistance when making the advanced adaptations, which demonstrates that the student worked independently.
	To reach Merit, the student would need to show more accuracy when making advanced adaptations and testing the toile. Stakeholder feedback (5) and the student evaluation (6) indicate the overall fit of the pants could be better, and the zip insertion should have a neater finish.



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#### Student 4 Page 2: High Achieved

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STEP 3: WITAWAY POCKET:

Fuse interfacing to wrong sides of one pair of pockets. (mese will be pocket facing.)

Transfer stitching line to interfacing pieces.

- make sure notches on interfacing match notches on potkets.

- Stitching line is transferred exact.

- Make sure I have one left and one right piece of interfacing.

#### Step 4:

Pin pocket facing to front, right sides together, matching, referes at waist and outside leg am. Stitch, following marked tch line. Trim 6mm from Aitches and clip to corner.

step 12: On one front, mark center front and dots A and B. Pin fronts, right sides together. Stitch from dot A to dot B, lock stitches and baste from dot B to waist. Press fly extensions open.

Step 13: Place right side of closed zipper on right front fly extension, with edge of zipper tape along basted seam ? zipper stop Icm above dot B. Pinto extension only; zipper extends up from waist & will be trimmed after the waistband is sewn on. using a zipper foot, stitch

close to zipper teeth, stitch only through zipper and fly extension. Step 14: move zipper towards left fly extension as far as it will go without puckering underneth (edge of zipper is not even with extension) Using

only a zipper foot, stitch only through zipper tape



Step 24:

Stitch the inside leg seams on 1.5cm mark. Don't forget, right sides together.

step 25: Dverlock the edge of bottom hem. Press in to the wrong side, 1.5 cm.

Step 26: Top-stitch along the 6mm mark, and again along the 1.5cm mark.

Step 27: Pin in the zip at the bottom of leg where the open seam is Remember to fold back the upper tapper of the zip, and the stitch along the zip using a zipper foot.







· Evaluation.

Resources:

-Pens, paper.

- Camera.

4

-modelling sheet.

7 Einispetrebien page

-Stakeholders.

- Modelling sheet

Learning Reflection:

Stakenolder feedback:

+ Adjustment

to pattern-

[6]

pieces.

ULI UCULI

Front ?

Backy

After this outcome, lam. happy with the finished toile. There's a few. things that would need to be change to make them look like my intended design.

1. Shorten from crotch to bottom of waistband by locm.

2. Need to be taken in so they fit comfortably on my client.

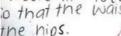
3.1 will try a different technique with my fly so that the zipper teeth aren't seen.



Secca: What do you like best. Why? I like the Pockets because they look really cool. What would you change about this, why? I would change the top half so it will sit on your hips & fit more accurately around your burn Mrs Mac. Do you think these pants will solve my issue, NNYP Us polect your body from the suns logs have thousand will not well on the larger loady - The legs are snug slitting and the fallogic was dense which will present the suris tags penesticiting. lient: What do you'like about these pants most? / like the

pockets on the legs-flap oockets.

Nhat would you like to change! would like to change the back. io that the waistband sits on

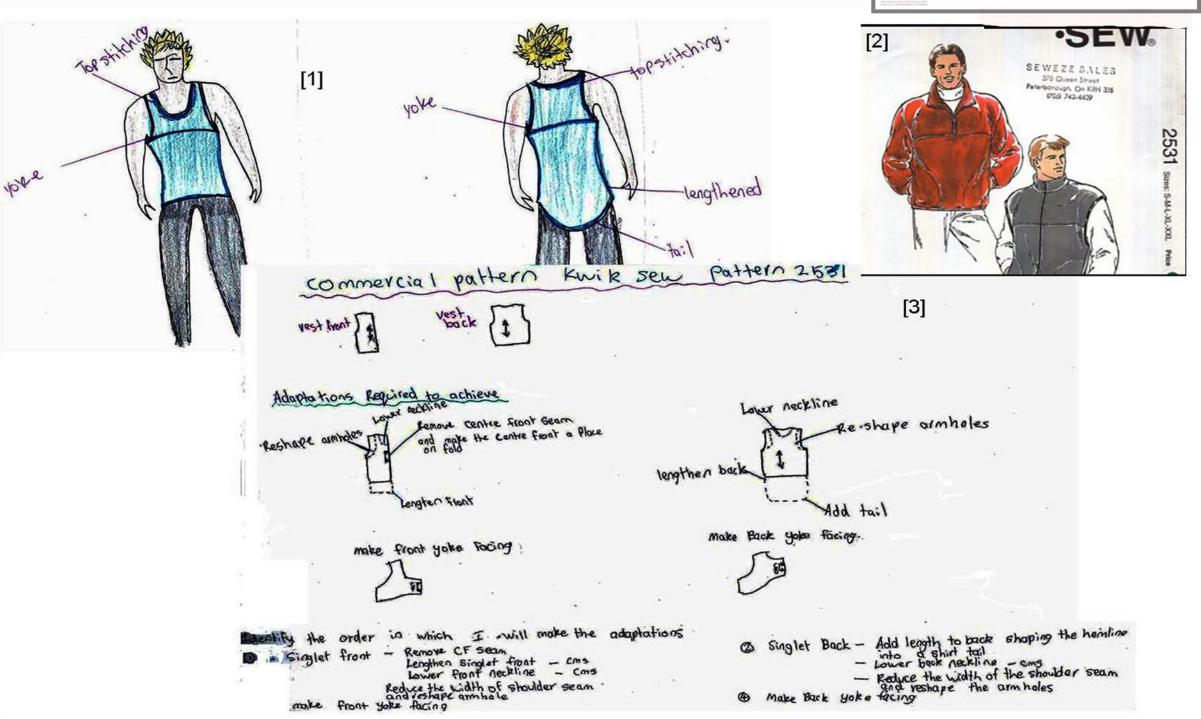


Feed back: [5]

	Grade Boundary: Low Achieved
5.	For Achieved, students need to make advanced adaptations to a pattern to change the structural and style features.
	This involves:
	<ul> <li>the selection of a suitable pattern to be adapted for the design</li> <li>undertaking advanced adaptations of the pattern</li> <li>ongoing testing of toiles or mock-ups to refine the pattern as required to ensure the adapted pattern interprets the design and provides the correct fit for the body or item</li> <li>correctly labelling the pattern with grainline, cutting information, pattern piece names, dots and notches</li> <li>constructing a final toile or mock-up of the adapted pattern to ensure the final pattern correctly interprets the design.</li> </ul> The student selected a pattern (2) to adapt for their singlet design (1). Adaptions were made to the pattern to ensure that it interpreted the design (reshaping neckline and armholes, removing centre front seam, lengthening and reshaping the body of the vest, reducing the shoulder width, lining the yoke) (3). The new pattern was correctly labelled. A final toile of the adapted pattern was constructed (4). For a more secure Achieved, the student would need to carry out on-going testing to modify the pattern so that it correctly interpreted the design. The stakeholder indicated that the singlet should have been longer. Also, the adaptations could have been more advanced - lengthening is generally considered to be a Level 1 adaptation.

#### Student 5 Page 1: Low Achieved

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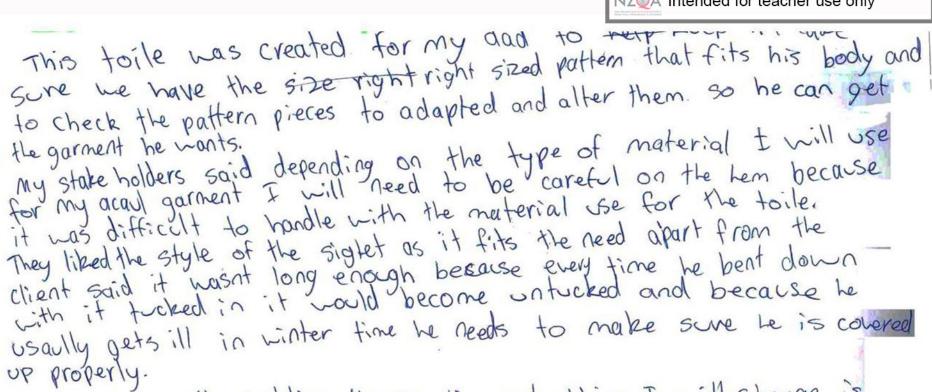


#### Student 5 Page 2: Low Achieved

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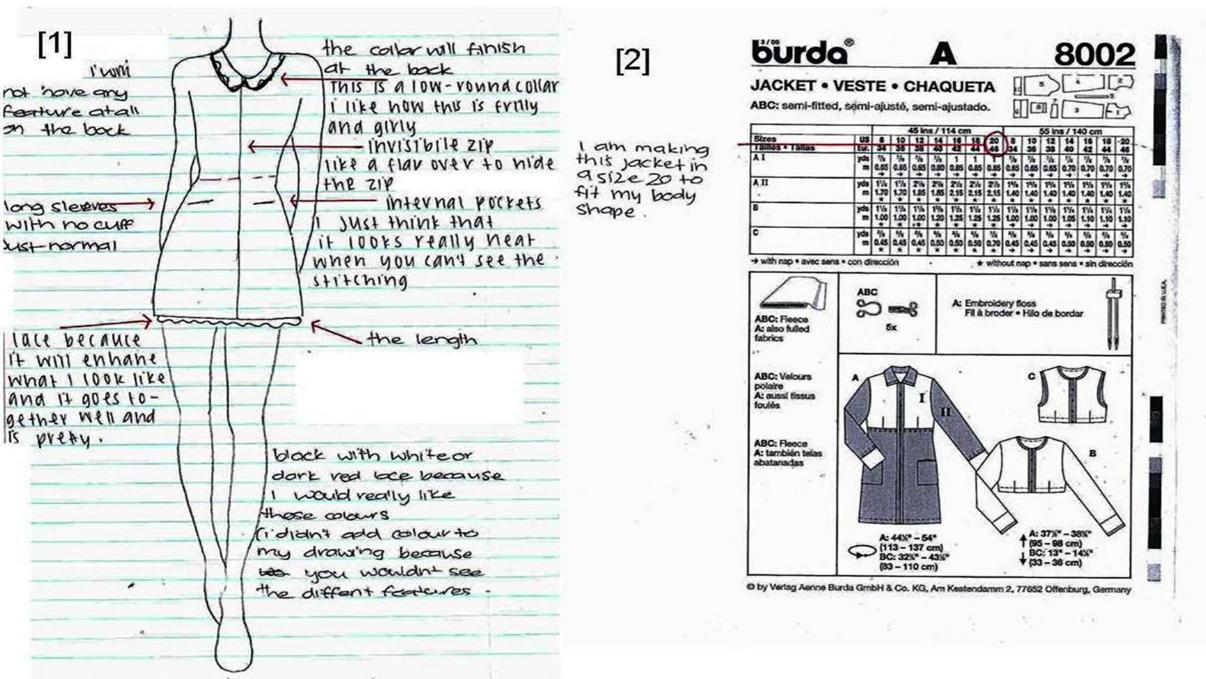


[4]



I think keep the neckline the so the only thing I will change is the length because the client wants his singlet to stay tucked in when the bends down so he doesn't be at risk of getting a kiddney chill the will lengthen the front and back by four im. The client was happy with everything else eq. neck line armholes style because it's what he nexts and fits perfect to his need, norking up in the hills and on the farm. It will protect him from the cold an weather. When he goes sharing he wont get too hot or too cold because it's a singlet and they are designed to not keep alot of leat to use a knot fabric one that holds heat when other clothes are on other in. I an going top and when you take the other clothes off you wont be to cold because the fabric will be holding some heat, enough so you wont freeze.

	Grade Boundary: High Not Achieved
6.	For Achieved, students need to make advanced adaptations to a pattern to change the structural and style features.
	This involves:
	<ul> <li>the selection of a suitable pattern to be adapted for the design</li> <li>undertaking advanced adaptations of the pattern</li> <li>ongoing testing of toiles or mock-ups to refine the pattern as required to ensure the adapted pattern interprets the design and provides the correct fit for the body or item</li> <li>correctly labelling the pattern with grainline, cutting information, pattern piece names, dots and notches</li> <li>constructing a final toile or mock-up of the adapted pattern to ensure the final pattern correctly interprets the design.</li> </ul> The student selected a suitable pattern (2) to be adapted for their jacket design (1). Adaptions were made to the pattern (adding side pockets, reshaping collar, removing front darts and cuffs) (3). The new pattern was correctly labelled (4). A final toile of the adapted pattern was constructed (5). To reach Achieved, the student would need to adapt the pattern so the new pattern correctly interprets the design. The toile (5) and the student evaluation (6) shows that the collar, the front opening, the length, and the pockets as described in the design (1) should have been more correctly interpreted.



#### Student 6 Page 1: High Not Achieved

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Pattern Adaption ( - Upper front Im not adding the plet that is shown in the patient piece on the front ! mightadd a lace [3] upper back (nothing changed) i will also a the lace over top of this pattern periece Lower front front want want 3 ionto the side seam Lower back (nothing changed) I am adding a key packet (internal into the side) 4 the one in the pattern is called a shirt collar collar 2x ill be changing this completely by adding a completely different call ar that i may contruct myself. like the peter pandesign. 8 Pocket 2x I may have to make that there these as i will have to make the pocket then attach it to the inside of the jackets to the lining of the fabric

Student 6 Page 2: High Not Achieved

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square one that went on the front. I wanted ones that you can't see so now I have pockets that come in from the seam. so they are not visable.

[4]



I like now my jalket has turned out and that its simple but it does [6] enhance my appearance. Although I would like to bring the pockets up higher. my & pockets sit 16 cm down from the front pannel seam i would like to bring it higher, about 10cm. I Also would like to change how the collar <del>enty</del> only comes around and has a gap 1 would like to have the collar meet in the middle. I would also like to change the length of the jacket to where the zip ends. I don't want extra material after the zip is finished.