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92015



Mana Tohu Mātauranga o Aotearoa  
New Zealand Qualifications Authority

## Level 1 Materials and Processing Technology 2024

### 92015 Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome

Credits: Four

## ASSESSMENT TASK

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome.	Explain techniques selected for a feasible Materials and Processing Technology outcome.	Evaluate techniques selected for a feasible Materials and Processing Technology outcome.

Refer to this document to respond to the task for Materials and Processing Technology 92015.

Check that this document includes page 2.

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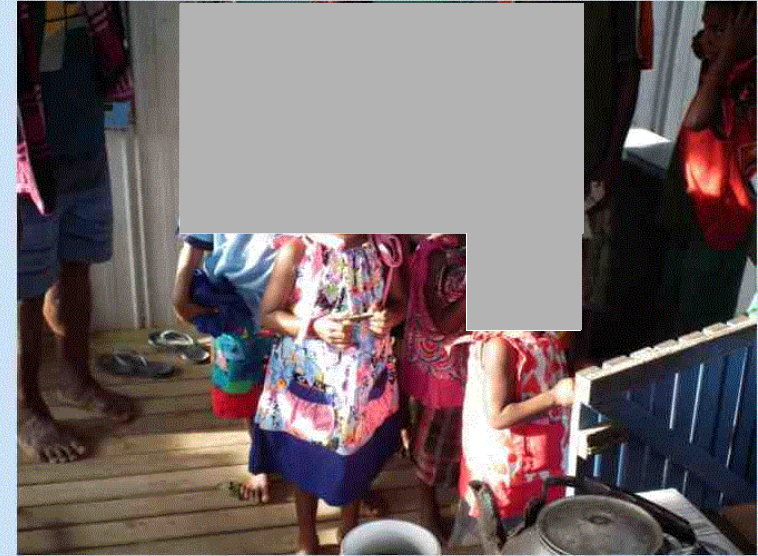
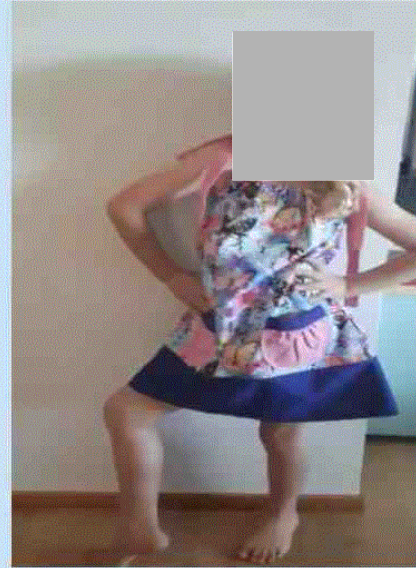
**Achievement**

**TOTAL 04**

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# Final outcome:



# Brief:

## Brief:

My garment is for a little girl in need. The garment is a dress that they can wear and not feel restrained while they are running around. The age of the girl I am making this dress for is a 5 year old. My garment is being worn by a child in [REDACTED]. We are making these garments to make little girls feel comfortable when they go outside to play. Also, they can put all of their special items in their pockets. I am making this dress to show manaakitanga to a little girl in need around the world so she can feel like she has a special dress to wear every day. We are making these garments with thicker fabric so it won't be see-through and you won't be able to see the child's figure underneath it.

## Specifications:

- My garment must not have any animated characters on it that could cause a distraction
- The garment must go to around the knees but not so far down that they can't move in it.
- The garment must have pockets so the little girl can put her special things in it.
- The garment must not be see-through so you can't see the girl's figure underneath it.
- The garment has to be colorful but not white because it will stain too easily and the girl won't be able to feel special in it.
- The ties on the garment need to be 100cm long so that they can tie it easily and so it can be washed without getting stuck and not being able to undo the ties.

# Attributes:

The straps must be 100 cm metres long so that they can be tied easily and so it can be washed without them coming undone.

I tested the straps to see what the best pattern I could do was to make sure that I was giving the dress out to the best of my ability.

I tried the two different techniques to see which ones would look best on my dress and which ones would suit the brief

2. The garment must have pockets that are big enough to fit all the little girls special treasure in.

I tested the two pockets to see which one would be best fitted for my dress. The first trial I did of the pockets you weren't able to fit any items in them.

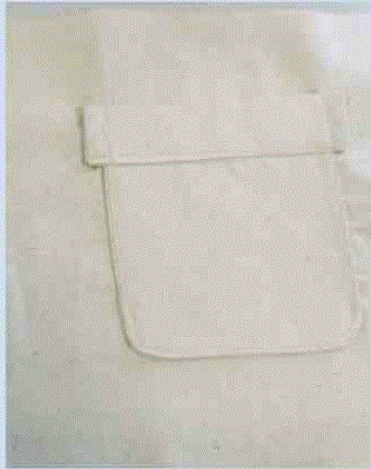
The two patterns I tried we completely different. I did a square pocket and a gathered pocket.

# Stakeholders:

1. My first Stakeholder was Mrs [REDACTED]. Her feedback was technical advice coming from a fabrics teacher on what she thinks I could do to make sure it's done the most suitable way.
2. My second stakeholder was Mrs [REDACTED]. Her advice was good because she is a mum of a 5 year old so she could give me advice on what a 5 year old girls likes. For example colours/patterns of the fabric.
3. My Third Stakeholder was [REDACTED]. Her advice was good because she is a 5 year old. She would give me advice on what she liked and didn't like about the dress so I could make it the best way possible. For example she told me that the first trial of the pockets were too small so I made the pocket bigger.

# Technique Tried: Pocket Trials

A.



First I attempted trial A it wasn't as suitable for my dress because it wasn't big enough and it wasn't appealing to a little girl.

B.



Then I attempted trial B it was more suitable for my dress because it was appealing to a 5 year old girl.

## Stakeholder Feedback

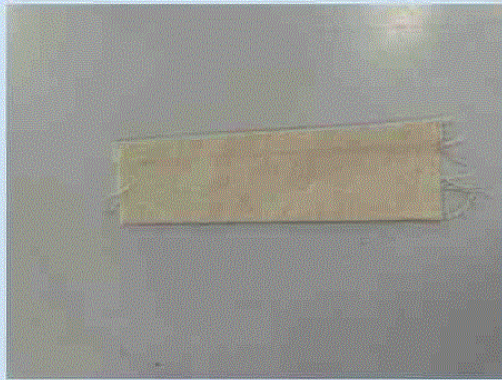
Pocket choice:

█: The pocket isn't big enough and won't fit stuff in

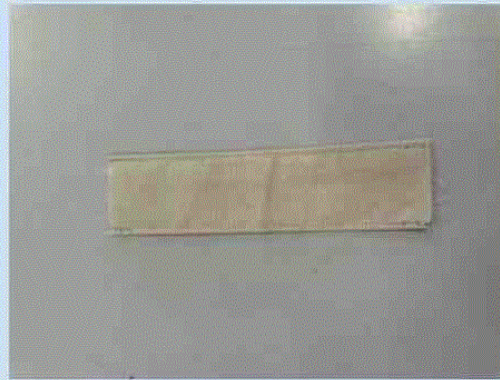
Mrs █: The gathered pocket looks really cute and girly. Check it is deep enough that their treasures don't fall out.

# Technique Tried: Shoulder Ties

A.



B.



I tried technique A first.  
Technique A was not suitable for my dress because the fabric would move around and get stretched out of shape.

Then I tried technique B.  
Technique B was more suitable for my dress because it had seams on each side so that the fabric wouldn't move around and get stretched out of shape.

## Stakeholder feedback:

### Shoulder ties:

Mrs [redacted]: Sample B because it looks neater and more professional

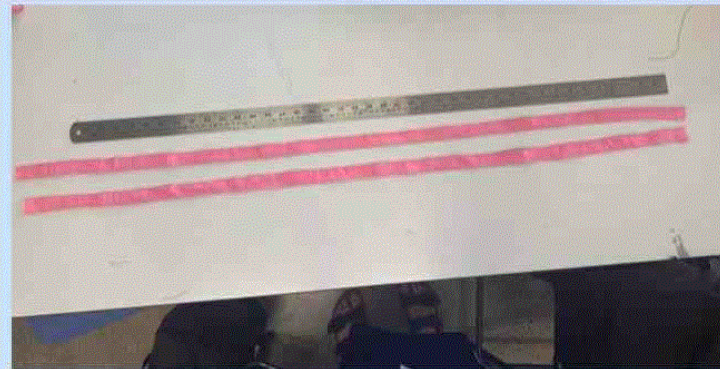
Mrs [redacted]: Sample B because I am aware that the mothers of the little girls might not have an iron so the tie won't get all wrinkled up because there will be seams on both sides.

# Technique Decisions:

My stakeholder feedback influenced my decision in picking to do the gathered pockets because Mrs [REDACTED] told me that the gathered pockets were more girly. [REDACTED] also advised me that the pockets were not big enough so I listened to her advice and made a bigger pocket pattern to make sure that it could fit all there treasures in.



My stakeholder feedback influenced my decision on picking shoulder ties B. Mrs [REDACTED] advised me that trial B would be better suited for my garment because when it gets washed it won't get all wrinkled. Mrs [REDACTED] also advised me that trial B would be better because it looks a lot neater and will look nicer for a longer period of time.



# Evaluation:

By researching dress a girl organization I found out that little girls in underprivileged countries don't have the same luxury's as us to get new clothing. So I decided by using manaakitanga that I was going to make a dress for a little girl in [REDACTED]. I followed all of the physical and functional specifications that dress a girl provided us with to design and sew a dress to the best of my ability. I incorporated my stakeholder feedback by listening to their feedback and to get the most feasible outcome. For example my stakeholder feedback influenced my decision to make the pocket pattern bigger so the little girl can fit her treasures in without them falling out. Another example of me using my stakeholder feedback to influence my decision would be when I picked trial B for my shoulder tie because they looked neater and more professional.

## Achievement

**Subject:** Materials and Processing Technology

**Standard:** 92015

**Total score:** 04

Grade score	Marker commentary
A4	The candidate has trialled and selected appropriate techniques. More detail was needed in explaining the techniques and refinement of the techniques to be able to achieve at higher levels.