



# Indicative A response

## Carry it

**Year 5**

**Technology**

## Section 1. Design a bag

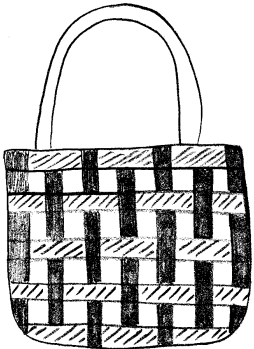
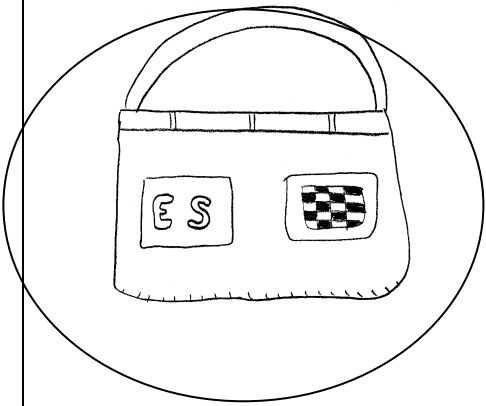
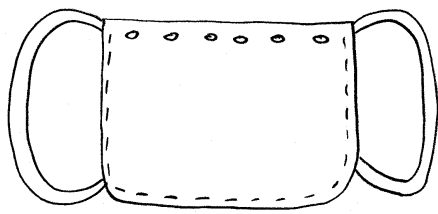
### Design work sheet

With your partner, create three design ideas. What could the bag look like — shape, size, decorative features?

Name Student A

Partner Student B

Purpose of bag Lunch box bag

<p>Design 1</p> <ol style="list-style-type: none"><li>1. Bag made out of newspaper strips</li><li>2. Square shape</li><li>3. Newspaper handle</li><li>4. Cardboard strips for top and bottom</li><li>5. Weave in and out</li></ol>	<p>Illustration</p> 
<p>Design 2</p> <ol style="list-style-type: none"><li>1. Bag made out of jeans with legs cut off</li><li>2. Sew together bottom</li><li>3. Put colourful design on pockets</li><li>4. Cut strips off legs to make handle</li></ol>	<p>Illustration</p> 
<p>Design 3</p> <ol style="list-style-type: none"><li>1. Bag made out of shirt with long sleeves cut off</li><li>2. Sew all edges of shirt except where buttons are</li><li>3. Make shoulder straps</li></ol>	<p>Illustration</p> 

<p>out of shirt sleeves</p> <p>4. Sew straps onto shirt</p>	
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## **Choose a design**

Circle the design you have chosen. Why did you choose this design?

This design looks the easiest to make and will last the longest. We can also get the materials easily. The bag will be about 25 cm high x 30 cm long x 15 cm wide and will have two handles.

## **Production plan**

What techniques will you use to make the main body of the bag?

We will cut the legs off the jeans. We will turn the jeans inside out and sew the leg openings together. We have to keep the stitches close together so there are no holes.

What techniques will you use to make and attach the handle/s?

We will cut out the inside leg seams and tie these to the end belt loops. They will become the handles for the bag.

What techniques will you use to make the decorative features?

We will use the old shirt to cut shapes that will be glued onto the front of the jeans bag.

We will cut 6 cm strips into one of the back pockets. We will also cut some shirt material 15 mm wide that we will weave through the strips. We will glue the strips into place.

On the other pocket we will glue our initials using cut out letter shapes from the shirt. We will also paint some pictures on the jeans in bright colours.

What safety precautions must you take?

The scissors have to be very sharp to cut

the jeans material. They must be used carefully.

Using the needle and thread we must be careful we don't stick the needle in ourselves.

We must not leave scissors and needles lying around.

We need to wash our hands after using the glue.

### **Evaluation plan**

How will you evaluate if the bag is effective?

We must make sure it satisfies the design brief requirements. We will carry the bag with the lunchbox in it around the school during the lunch break to see if it is durable and comfortable to hold and carry.

## Section 2. Make a bag

Draw a picture or take a photo of the bag you made with your partner and put it in the box below.



Name Student A

Partner Student B

Purpose of bag Lunch box bag

Now, explain to a friend how to make the bag by writing the steps you took in the boxes below. When you finish, you will be asked to share your work with the class.

Sequence
Step 1 Cut legs off jeans. You need sharp scissors to cut through the seam. We asked the teacher to help cut through the seam.
Step 2 Turn the jeans inside out and sew the leg openings together. You need a sharp needle. Sometimes it is hard to push through the material so we used a thimble.
Step 3 Turn the jeans the right way round. Check that your sewing is strong and there are no holes where the opening was.
Step 4 Using the shirt, cut out shapes that you like. Glue them onto the front of the jeans bag.
Step 5 Cut the inside seams off the legs that were cut off. Tie them onto the belt loops at the front and back of the jeans bag. These are the handles. Make sure the handles are the same length.

Step 6 Cut four slits vertically in one back pocket. Use 15mm strips from the shirt to weave a chessboard patterns into the slits. Glue them in place.

Step 7 Use the shirt to cut out your initials. Glue these initials onto the other hip pocket.

## Section 3. Reflection

1. What was different from your initial design and why did you make these changes?

- The handles had to be made longer to make it more comfortable to hold or carry on the shoulder.
- Painting the jeans didn't look good so we didn't use the paint.
- We put a pattern and initials on the back pockets as design features. It made the bag more colourful and interesting to look at.

2. Does the bag effectively meet all requirements of the design brief:

☒ yes

☐ mostly

☐ no

Explain.

All the conditions were met. It was also hard to finalise the dimensions because the size of the jeans determined the size of the bag.



3. What was good about working with a partner?



We were good at different things and had different ideas. We shared the work.

4. What was difficult about working with a partner?



Sometimes I wanted to do something and my partner wanted to do the same thing. We both want to keep the bag.

5. How could I have improved the bag?

We needed other tools like a hole punch and other materials to make





it look better. The glue wasn't very good and it took a long time to dry.

If we did it again we would be more careful with our sewing and cutting out.

6. What did I learn from designing and making the bag?

You need to have a plan and an idea of what it is going to look like before you start.



7. How did I learn when designing and making the bag? Finish the sentences.

I watched other groups make their bags and learnt from what they did.

I listened to the teacher tell us what to do and how to do some things with the materials.

I tried to look at real bags and baskets to see their designs and then think about what we could do.

I wanted to make my own with other materials when we had finished.

8. The bag could be used to go shopping or take my things to dance practice.

9. What safety rules did you follow when making the bag?

- Storing sharp objects – needles and scissors.
- Washing hands after using glue.
- Using scissors and needles correctly.

10. Did you discover any new safety precautions while making the bag? If so, explain.

The glue smelt so we did the gluing outside the room.

11. Now that I have learnt these things I can:

- plan and make new things that I can use at home
- build a billy-cart by planning the things that I need, and then making it.