

Textile Treasures: Zara's Pattern Design Workshop

Learning objective: To understand the properties of different fabrics and identify suitable textiles for specific design purposes.

Zara the zebra is designing a new range of school bags. She needs your help to match the correct fabric to the right function. Look at the properties of the fabrics in the word bank and complete the sentences to explain why they are suitable for Zara's products.

Word bank: Cotton · Polyester · Denim · Fleece · Waterproof laminate

1. Zara wants to make a durable base for the bag that won't tear easily when full of heavy books. Which fabric should she choose and why? (2 marks)

2. To keep school supplies dry during a rainy walk to school, Zara needs a fabric that doesn't soak up water. Which fabric is best for this? (2 marks)

3. For the soft inner lining of a pocket used to store a tablet, Zara needs a cosy, insulating material. Which fabric from the list is the best choice? (2 marks)

4. If Zara is making a decorative patch for the front of the bag, she chooses a natural, breathable fibre that is easy to dye with bright colours. Name this fabric. (2 marks)

5. Zara decides to use a synthetic blend that resists wrinkles and holds its shape well. Which fabric is this? (2 marks)

Draw: Draw a design for Zara's new school bag. Label which parts of the bag use the different fabrics mentioned in the word bank and explain why you chose those specific materials for those areas.



Extension challenge: Research the cost of these fabrics per metre. If denim costs £4.50 per metre and cotton costs £2.75 per metre, calculate the total cost for Zara to buy 2 metres of each. Show your working out using the £ symbol.