

Sculptures and 3D Forms: Zara's Creative Studio

Learning objective: To understand how sculptures are created using different techniques, including modelling, carving, and construction, and to explore how artists use form and texture.

Read each question carefully. Use your knowledge of sculpture techniques and artistic vocabulary to provide detailed answers. Remember to think like an artist!

Word bank: Modelling · Carving · Construction · Form · Texture · Armature · Additive · Subtractive · 3D

1. Zara is using clay to create a new sculpture by adding small pieces together to build up the shape. Is this an 'additive' or 'subtractive' process? Explain why. (2 marks)

2. If an artist is using a block of wood and cutting away pieces to reveal a shape inside, which technique are they using? Why is this different from modelling? (2 marks)

3. Max wants to build a tall sculpture of a tree. He creates a wire frame inside the clay to help it stand up. What is the technical name for this internal support frame? (1 mark)

4. Look at the word 'Texture'. Describe how an artist might change the surface of a sculpture to make it feel rough or smooth, and why they might choose one over the other. (3 marks)

5. Imagine you have £10.00 to buy materials for a construction sculpture (using found objects like cardboard, tape, and string). List three items you would buy and explain how you would join them together. (3 marks)

Draw: In the box below, sketch a design for a 3D sculpture of a favourite animal using geometric shapes. Label which parts would be 'modelled' and which parts would be 'constructed'.



Extension challenge: Research a famous public sculpture in your local area or city. Write down its name, the material it is made from, and describe how the artist has used space and form to make it interesting to look at from all sides.