

Zara's Sculpture Studio: Creating 3D Art

Learning objective: To understand the techniques of sculpture, including modelling, carving, and constructing, and to identify how artists use texture and form.

Read each question carefully and use your knowledge of sculpture techniques to answer. Zara the zebra loves finding patterns in 3D shapes, so think about how you can turn a flat idea into a solid form!

Word bank: modelling · carving · sculpture · texture · form · construct · relief · additive

1. Zara is using clay to add small pieces together to build a model of a tree. Is this an example of 'additive' or 'subtractive' sculpting? Explain why. (2 marks)

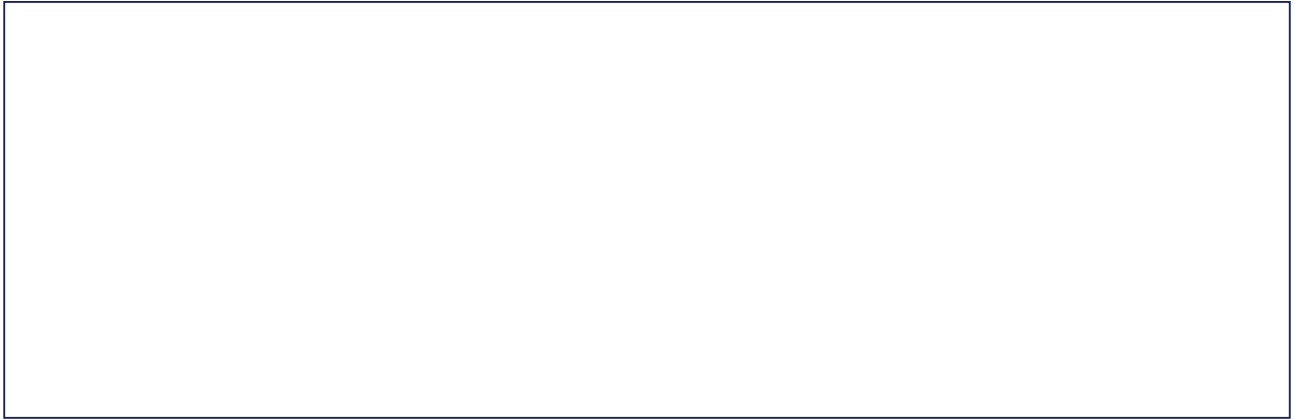
2. If a sculptor uses a chisel to cut away stone to reveal a shape, which technique are they using? Give one example of a material that might be used for this. (2 marks)

3. Explain the difference between a 'form' and a 'shape'. How does a sculpture have a 'form'? (2 marks)

4. Why do sculptors think about 'texture' when they are designing their work? Give an example of a texture you might find on a sculpture of an animal. (2 marks)

5. Look at a coin in your pocket. It has a design that is raised from the surface but is attached to a flat background. What is the name for this specific type of sculpture? (1 mark)

Draw: Imagine you are designing a sculpture for a local park. Draw a sketch of your sculpture, showing how it looks from the front and the side. Label the materials you would use (e.g., wood, metal, clay) and describe one interesting texture you would add to the surface.



Extension challenge: Research a famous sculptor from history. Write a short paragraph explaining what materials they used and why their work is considered an important piece of sculpture.