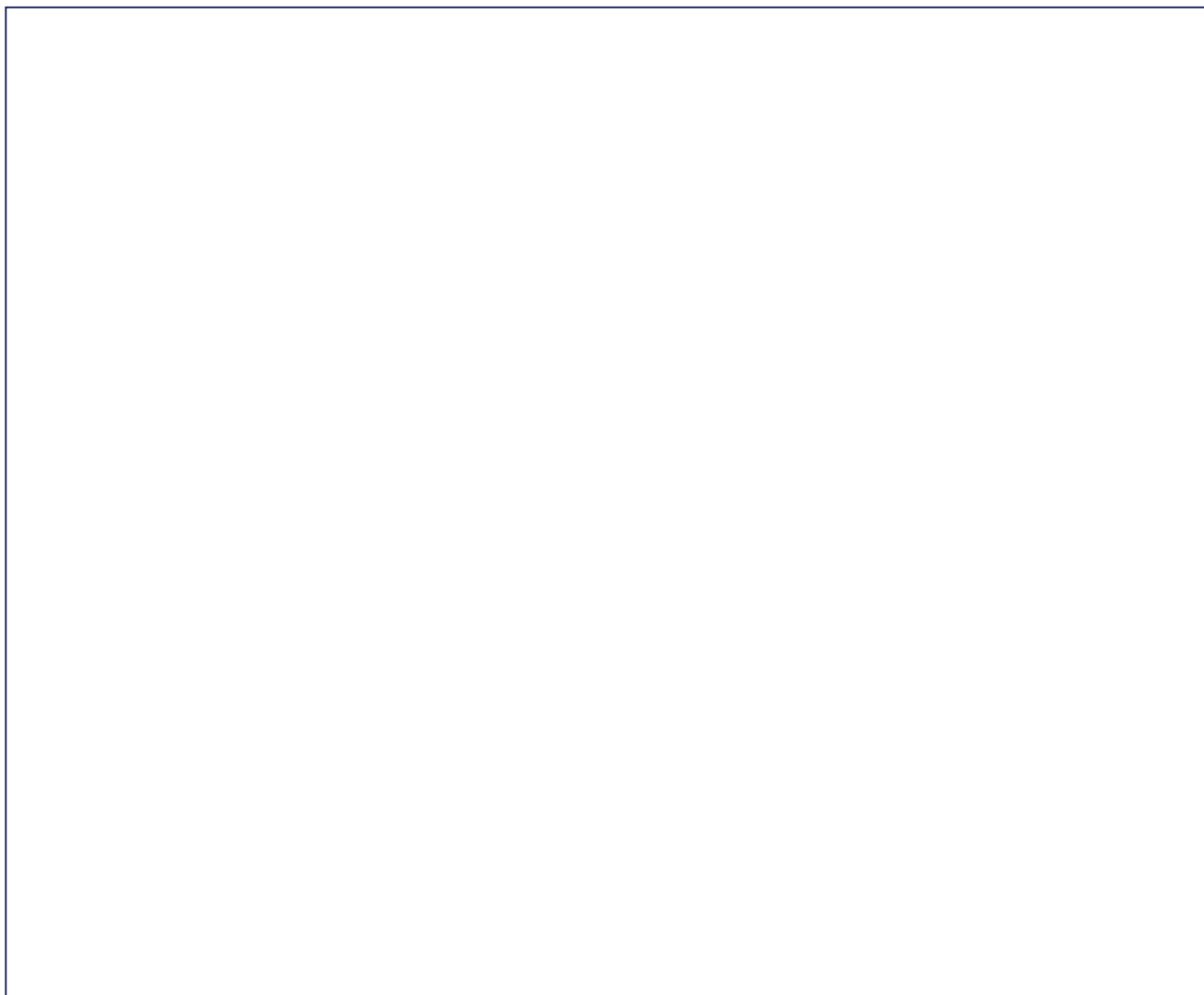


Sculpting Shapes: Zara's Art Studio

Learning objective: To explore form and structure by planning a 3D sculpture using 2D observational drawing techniques.

Zara the Zebra loves to find patterns in everything! Today, she wants to design a sculpture for the school garden. Use your sketchbook to create a plan for a sculpture that uses geometric shapes. Think about how your sculpture will balance and what materials you might use to build it.

Draw: Draw a large, imaginative sculpture in the centre of the page. Use a mix of at least three 3D geometric shapes (cubes, spheres, cones, or cylinders). Use shading techniques—such as cross-hatching or stippling—to show where the light hits the sculpture and where the shadows fall to create a sense of depth and form.



Label words: Form · Geometric · Texture · Stability · Silhouette · Structure · Base · Proportion

Steps:

1. Step 1: Sketch a rough outline of your sculpture. How will you ensure the base is wide enough to provide stability? Explain your design choice.
2. Step 2: Label the different geometric shapes you have used in your design (e.g., sphere, cylinder, cube).
3. Step 3: If you were to build this out of recycled materials, which item would you choose for the main body and why? Justify your answer.

4. Compare and contrast: How does a sculpture differ from a 2D painting? Describe the physical challenges a sculptor might face.
5. What might happen if the centre of gravity of your sculpture is too high? Explain the effect this would have on the structure.
6. Creative Extension: Zara wants to add texture to her sculpture to make it look like zebra stripes. Describe how you would add texture to your drawing to show that the surface is rough or smooth.