

Year 5 Art Assessment: The Science of Colour

Learning objective: To demonstrate understanding of the colour wheel, colour mixing, and the emotional impact of colour palettes.

Read each question carefully. Use your knowledge of Zara the Zebra's artistic techniques to answer. Ensure your explanations are clear and use precise terminology.

Zara the Zebra is preparing a mural for the school garden. She needs to understand how colours interact to create a vibrant, balanced piece of art. Zara knows that by mixing primary colours, she can create secondary colours, and by adding white or black, she can alter the 'value' of a colour to create depth and focus.

Word bank: Primary · Secondary · Tertiary · Complementary · Analogous · Hue · Saturation · Warm · Cool · Tint · Shade

1. Identify the three primary colours. If you mix two primary colours together, what is the specific term for the new colour created? (2 marks)

2. Explain the difference between a 'tint' and a 'shade'. How does adding white or black affect the saturation of the original hue? (3 marks)

3. Zara is painting a sunset scene. Should she use a 'warm' or 'cool' colour palette? Justify your answer by referencing the psychological impact of these colours. (3 marks)

4. What are complementary colours? Give one example of a complementary pair and explain why an artist might choose to place them side-by-side in a painting. (4 marks)

5. Compare and contrast 'analogous' colours with 'complementary' colours. How does the choice between these two schemes change the mood of an artwork? (4 marks)

6. Extended Response: Zara wants to create a mural that represents 'Energy and Movement'. Describe a colour scheme you would design for this mural. Justify your choice of colours, explaining how the placement, saturation, and contrast will convey your chosen theme to the viewer. (9 marks)

Draw: In the space provided, draw a simple colour wheel featuring the three primary colours and the three secondary colours. Label each segment correctly.



Extension challenge: Total: /25. Challenge: Imagine you are an art critic. If you were to alter the 'Saturation' of a famous painting, how might it change the narrative or the emotional response of the audience? Write a brief paragraph justifying your theory.