

Zara's Color Theory Challenge

Learning objective: To understand the color wheel, primary and secondary colors, and the effect of warm and cool tones.

Help Zara the Zebra sort out her paint palette! Read each question carefully and circle the best answer or write your response in the space provided.

Answer Key: 1. A (Red, Yellow, Blue); 2. True; 3. Green; 4. False (They make them feel calm); 5. Orange; 6. True; 7. Secondary; 8. Violet; 9. Warm; 10. False (They are opposite).

Word bank: Primary · Secondary · Warm · Cool · Mixing · Hue · Complementary · Tertiary

1. 1. Which of these are the three primary colors? A) Red, Yellow, Blue* B) Green, Purple, Orange C) Red, Green, Blue D) Pink, Yellow, White (1 mark)

2. 2. True or False: You cannot create primary colors by mixing other colors together. (1 mark)

3. 3. If you mix blue and yellow paint together, what color do you create? (1 mark)

4. 4. True or False: Warm colors like red and orange are used to make a painting feel calm and sleepy. (1 mark)

5. 5. Which color is created by mixing red and yellow? A) Green B) Purple C) Orange* D) Brown (1 mark)

6. 6. True or False: A color wheel helps artists see how colors relate to one another. (1 mark)

7. 7. What is the name for colors made by mixing two primary colors? (Hint: S _ _ _ _ _ _ _ _) (1 mark)

8. 8. Which secondary color is made by mixing red and blue? (1 mark)

9. 9. Are colors like yellow, orange, and red called warm or cool colors? (1 mark)

10. 10. True or False: Complementary colors are colors that sit right next to each other on the color wheel. (1 mark)

Draw: Zara is painting a picture of a sunset and a forest. Draw a picture that uses only 'warm' colors for the sunset sky and only 'cool' colors for the trees and grass below.



Extension challenge: If Zara buys a tube of red paint for £2.50 and a tube of yellow paint for £2.50, how much does she spend in total? If she has a £10 note, how much change should she receive?