Nova’s Fall Adventure Quiz

Learning objective: To identify and describe the seasonal changes that occur during fall and understand the life cycles of deciduous trees.

Join Nova the barn owl on an autumnal walk through the woods! Read each question carefully and circle the best answer or write your response in the space provided.

Answer Key: 1. B, 2. True, 3. Deciduous, 4. A, 5. False, 6. Chlorophyll, 7. C, 8. Hibernate, 9. B, 10. True.

Word bank: deciduous · chlorophyll · hibernate · migration · evergreen

1. 1. Which of these best describes a tree that loses its leaves in fall? A) Evergreen B) Deciduous* C) Flowering D) Tropical (1 mark)

2. 2. True or False: As the days get shorter in fall, there is less sunlight for plants to make food. (1 mark)

3. 3. What is the name of the green pigment in leaves that fades away during fall, allowing other colors like orange and yellow to show? (1 mark)

4. 4. Why do some birds fly to warmer countries during fall? A) Migration* B) To find snow C) To build a nest D) To sleep (1 mark)

5. 5. True or False: All trees lose their leaves during the fall season. (1 mark)

6. 6. What is the process called when animals like hedgehogs go into a deep sleep for the winter to save energy? (1 mark)

7. 7. Which of these is a common sign of fall? A) Flowers blooming B) Hot weather C) Leaves changing color* D) Baby animals being born (1 mark)

8. 8. True or False: Fall starts after summer and comes before winter. (1 mark)

9. 9. If you bought a bag of birdseed for £2.50 to help birds in fall, and you paid with a £5.00 note, how much change would you get? (1 mark)

10. 10. In fall, many plants produce these to help grow new trees in the spring. (Hint: They are often found in conkers or acorns). (1 mark)

Draw: Draw a picture of a deciduous tree in late fall. Show some leaves still on the branches, some leaves on the ground, and one animal preparing for winter.

Extension challenge: Nova the owl wants to know: If you were a woodland animal, what would you store or do to get ready for the cold winter months? Write three sentences explaining your plan.