

Nova's Autumn Science Quiz

Learning objective: To identify seasonal changes in the UK and understand why trees shed their leaves in autumn.

Hello! I am Nova the owl. Autumn is a busy time in nature. Use the word bank to help you answer these questions. Read each question carefully.

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

Word bank: Deciduous · Evergreen · Chlorophyll · Hibernate · Migration · Daylight

1. 1. What happens to the amount of daylight as we move into autumn? A) It gets longer B) It gets shorter* C) It stays the same D) It disappears (1 mark)

2. 2. True or False: Some animals prepare for winter by eating more food. (1 mark)

3. 3. What do we call trees that lose their leaves in autumn? (Hint: starts with D) (1 mark)

4. 4. Why do leaves change colour? A) They are cold B) They lose green pigment* C) They are painted D) They grow flowers (1 mark)

5. 5. True or False: All trees lose their leaves in autumn. (1 mark)

6. 6. Some animals sleep through the cold winter months. This is called to _____. (1 mark)

7. 7. What do many birds do when it gets cold? A) Travel to warmer places* B) Sleep all day C) Build a snowman D) Grow thick fur (1 mark)

8. 8. True or False: Autumn comes after Summer. (1 mark)

9. 9. The movement of animals to warmer countries is called _____. (1 mark)

10. 10. The green colour in leaves is caused by a chemical called _____. (1 mark)

Draw: Draw a tree in autumn. Make sure you draw orange, yellow, and brown leaves falling to the ground.



Extension challenge: Nova wants to know: Can you name one animal you might see preparing for winter in your local park or garden?