

Nova's Springtime Science Discovery Quiz

Learning objective: To identify and describe the life cycles and seasonal changes of living things during the spring.

Join Nova the owl as she explores the garden! Answer these 10 questions to test your knowledge of spring science. Read each question carefully.

Answer Key: 1. B (Germination), 2. False, 3. Pollination, 4. C (Frogspawn), 5. True, 6. True, 7. Migration, 8. A (To reach more sunlight), 9. True, 10. Spring.

Word bank: germination · photosynthesis · migration · pollination · lifecycle · deciduous · amphibian · hibernation

1. 1. What is the name for the process when a seed begins to grow into a plant? A) Photosynthesis B) Germination* C) Pollination D) Hibernation (1 mark)

2. 2. True or False: All plants in the UK are evergreen and keep their leaves throughout the winter. (1 mark)

3. 3. Bea the honeybee helps flowers reproduce by moving pollen from one flower to another. What is this process called? (1 mark)

4. 4. What do we call the eggs laid by frogs in ponds during early spring? A) Seeds B) Larvae C) Frogspawn* D) Tadpoles (1 mark)

5. 5. True or False: Many animals that spent the winter in a deep sleep, known as hibernation, wake up during the spring. (1 mark)

6. 6. True or False: The daylight hours get longer during the spring in the UK. (1 mark)

7. 7. What is the term for when birds fly to warmer countries for the winter and return to the UK in the spring? (1 mark)

8. 8. Why do many deciduous trees grow new leaves in the spring? A) To absorb more sunlight for energy* B) To look pretty C) To hide from owls D) To keep the ground warm (1 mark)

9. 9. True or False: Most birds build their nests and lay their eggs during the spring. (1 mark)

10. 10. In which season does the temperature usually begin to rise, causing snow to melt and plants to bloom? (1 mark)

Draw: Draw a scientific diagram of a plant's lifecycle, starting from a seed in the soil, moving to germination, and ending with a fully grown flowering plant.



Extension challenge: Nova wants to know: If a packet of sunflower seeds costs £1.50 and you buy 4 packets, how much have you spent? If you sell 10 grown sunflowers for 50p each, how much profit will you have made after paying for the seeds?