

Spring Science: A Season of Growth

Learning objective: To observe and describe the life cycles and environmental changes that occur during the spring season.

Use the writing frame below to record your observations about how the environment changes during spring. Use the word bank to add detail and scientific vocabulary to your explanations.

As the days grow longer and the sun begins to warm the earth, the natural world undergoes a magnificent transformation known as spring.

Word bank: germination · photosynthesis · temperature · lifecycle · consequently · furthermore · in contrast · environment · migration · blossom

1. Introduction: Describe the primary environmental changes you notice during spring. Consider the impact of increasing daylight hours on the temperature: The arrival of spring signals... (2 marks)

2. Plant Life Cycles: Explain the process of germination and growth in spring. Why is it essential for seeds to find water and warmth at this time?: During the spring months, plants... (3 marks)

3. Animal Behaviour: Compare how animals behave in winter compared to spring. Discuss migration or the emergence of young: As the environment shifts, many animals... (3 marks)

4. Explain why the increase in sunlight is the most significant factor for life in the spring. Justify your answer using your knowledge of plant survival: I believe the increase in sunlight is vital because... (4 marks)

5. What might happen if the spring season arrived two months later than usual? Predict the impact on local habitats: If the spring season were delayed, it would be likely that... (4 marks)

6. Reflect on the connection between plants and animals. How do they rely on each other during this season?: The relationship between flora and fauna in spring is... (3 marks)

Extension challenge: Imagine you are Nova the owl. Write a short field report describing how the change in season has affected the star patterns in the sky and the nocturnal creatures you observe in the forest. Use scientific terminology to justify why these changes occur.