

Fall Discoveries with Bea the Bee

Learning objective: To observe and describe the seasonal changes in the natural world during fall, including plant life and weather patterns.

Use the prompts below to write a scientific report about what happens to nature during the fall season. Use clear, descriptive language and your own observations from your local park or garden.

As the days grow shorter and the temperature begins to drop, the natural world undergoes a series of fascinating changes that signal the arrival of fall.

Word bank: deciduous · photosynthesis · chlorophyll · dormant · temperature · consequently · furthermore · in addition · as a result · vibrant

1. The Changing Trees: Bea the Bee wants to know why leaves change color. Start by explaining what happens to the leaves on deciduous trees during fall... (2 marks)

2. Weather Patterns: Describe how the weather changes in your area during fall. Mention the temperature and the amount of daylight compared to summer... (2 marks)

3. Animal Behavior: Choose one animal (like a squirrel, hedgehog, or bird). What are they doing to prepare for the colder winter months ahead?... (2 marks)

4. Seed Dispersal: Fall is a busy time for plants. How do some plants spread their seeds during this season to ensure new growth in the spring?... (2 marks)

5. Conclusion: Summarise why you think fall is an important season for the cycle of life in nature... (2 marks)

Extension challenge: Research and write a short paragraph explaining the term 'hibernation'. Why do some animals choose to sleep through the winter instead of staying active?