

Springtime Science with Bea the Bee

Learning objective: To identify and describe the seasonal changes associated with spring and understand the lifecycle of plants.

Read the passage carefully and answer the questions below using full sentences.

As the days grow longer and the air turns milder, Bea the honeybee wakes from her winter rest. Spring has arrived! This season is a busy time for nature. Deciduous trees, which were bare during the cold winter, begin to grow fresh green buds. These buds will soon burst into leaves that capture sunlight to help the tree make energy. Down on the forest floor, seeds that have been sleeping in the soil start the process of germination. With the warmer rain and increased sunlight, tiny green shoots push their way through the earth. Bea flies from flower to flower, collecting nectar. As she travels, she carries golden pollen on her fuzzy legs, helping plants reproduce through pollination. Many animals that went into hibernation, like hedgehogs, emerge to find food in the lush, growing meadows. Spring is a cycle of renewal, where the world shakes off the frost of winter and prepares for the heat of summer. It is a vital time for all living things to grow, feed, and flourish under the warming sun.

Word bank: germination · pollination · deciduous · hibernate · photosynthesis

1. According to the text, what two things help seeds begin the process of germination? (2 marks)

2. What is Bea the honeybee doing while she travels from flower to flower? (2 marks)

3. Why do you think deciduous trees need to grow new leaves in the spring? (2 marks)

4. Explain what happens to animals like hedgehogs when spring arrives, based on the information provided. (2 marks)

5. Do you think spring is the most important season for plants to grow? Explain your reasons. (2 marks)

Draw: Draw a scene of a spring meadow including a tree with fresh buds, a flower with a bee nearby, and a small sprout pushing through the soil.



Extension challenge: Research one other animal that hibernates in the UK and write a short paragraph explaining what they do when they wake up in the spring.