

Springtime Science with Bea the Bee

Learning objective: To identify and describe the functions of different parts of flowering plants and understand the role of pollination in the life cycle of plants.

Follow the steps below to create a detailed scientific diagram of a spring flower. Use the word bank to label your drawing accurately.

Draw: Create a scientific, labelled diagram of a flowering plant in spring. Use a clear, observational style. Your drawing should include the soil line to show the roots underground, a sturdy stem, large petals, and the internal reproductive parts (stamen and carpel). Include a small, friendly illustration of Bea the Bee landing on the flower to demonstrate the process of pollination.



Label words: Petal · Stamen · Carpel · Stem · Roots · Pollen · Nectar

Steps:

1. Step 1: Draw a large spring flower in the centre of your page. Label the 'Petal', 'Stem', and 'Roots'.
2. Step 2: Draw Bea the Bee visiting your flower. Label the 'Stamen' and the 'Carpel' inside the flower.
3. Why do you think flowers have such bright, colourful petals? Use the word 'attract' in your answer.
4. What does Bea the Bee collect from the flower that helps her make energy?
5. Explain in your own words what happens to the pollen once it sticks to Bea's legs.