

Bea's Botanical Journey: The Life Cycle of a Flowering Plant

Learning objective: To identify and explain the functions of the parts of a flowering plant and understand the life cycle of plants.

Bea the honeybee has been busy visiting different flowers! Help her complete her garden journal by matching the plant part to its specific job. Write the correct term from the word bank next to the description of its function.

Word bank: Roots · Stem · Leaves · Flowers · Pollen · Seed dispersal

1. I anchor the plant firmly in the soil and soak up water and nutrients. What am I? (1 mark)

2. I am the colorful part of the plant that attracts insects like Bea. I help the plant make seeds. What am I? (1 mark)

3. I act like a straw, carrying water and nutrients from the soil up to the rest of the plant. I also keep the plant standing tall. What am I? (1 mark)

4. I am where photosynthesis happens, using sunlight to create food for the plant. What am I? (1 mark)

5. Explain why it is important for a plant to spread its seeds far away from the parent plant. (Hint: Think about what the seeds need to grow!) (2 marks)

Draw: Draw a beautiful garden scene featuring a flowering plant. Label the roots, stem, leaves, and flower clearly with arrows.



Extension challenge: Research how different seeds travel! Write a short paragraph explaining the difference between seeds that travel by wind (like a dandelion) and seeds that travel by animal (like a burr that sticks to fur).