

Bea's Brilliant Plant Observation Diary

Learning objective: To identify and describe the functions of different parts of flowering plants, including roots, stem/trunk, leaves and flowers.

Follow Bea the honeybee into the garden! Choose a plant you can see outside or in a pot. Use this diary to record what you discover about its different parts and what they do to help the plant grow and stay healthy.

Word bank: roots · stem · leaves · petals · nutrients · water · sunlight · soil · support · transport

1. The Roots: Look at the soil. What do you think the roots are doing deep underground? Explain how they help the plant. (2 marks)

2. The Stem: Observe the main stalk or trunk. How does this part help the plant reach the light and move water around? (2 marks)

3. The Leaves: Why are the leaves usually green and wide? Think about what they need to collect from the air and the sun. (2 marks)

4. The Flower: If your plant has a flower, describe its colour and shape. Why do you think a plant needs a flower? (2 marks)

5. Plant Needs: If this plant were kept in a dark cupboard without any water, what would happen to it and why? (2 marks)

Draw: Draw a detailed diagram of your plant. Use labels to point to the roots, stem, leaves, and flowers. Draw an arrow showing where the plant gets its water from.



Extension challenge: Bea the honeybee wants to know: Can you find a plant that has a different type of stem, like a thick woody trunk of a tree compared to a thin, bendy flower stem? Write a sentence explaining the difference.