

Bea's Botany Sketchbook: The Life of a Flowering Plant

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

Follow the steps below to complete your botanical diagram. Use a sharp pencil for your sketch and ensure your labels are written clearly with a ruler.

Draw: Create a scientific botanical illustration in the style of a naturalist's sketchbook. Draw a healthy, upright flowering plant with a visible root system beneath a line representing the soil. The drawing should be clean, clear, and focused on accuracy. Leave plenty of white space around the plant for clear, ruled labels pointing to the specific parts listed in the word bank.



Label words: Roots · Stem · Leaves · Flower · Petal · Stamen · Carpel · Sepal

Steps:

1. Step 1: Draw a large flowering plant in the centre of your page. Ensure you include the root system underground. Label the 'Roots' and the 'Stem'.
2. Step 2: Add at least three leaves to your stem. Draw a detailed flower at the top. Label the 'Leaves' and the 'Flower'.
3. Step 3: Zoom in on the flower and add labels for the 'Petal', 'Stamen', and 'Carpel'. Explain the function of

the roots in one full sentence.

4. Step 4: Label the 'Sepal' at the base of your flower. What is the main purpose of the leaves?

5. Step 5: Write a short sentence describing what the stem does to help the plant survive.