

Nova's Spring Science Sketchbook

Learning objective: To identify and label the parts of a flowering plant and understand the life cycle stages of spring growth.

Follow the drawing prompts below to create a detailed scientific diagram of a spring plant. Use the word bank to correctly label your scientific drawing.

Draw: Create a scientific diagram of a flowering plant in a clear, clean style. Use a sharp pencil to draw the cross-section of the plant, including the underground bulb, the roots, the stem, and an open flower. Ensure the flower parts (stamen and carpel) are large enough to be clearly labelled. Add a small sun in the corner to show the energy source for photosynthesis.



Label words: Stamen · Carpel · Petal · Sepal · Stem · Roots · Bulb

Steps:

1. Step 1: Draw a cross-section of a spring bulb, such as a daffodil, showing the roots growing downwards into the soil.
2. Step 2: Draw the stem rising above the soil and a bright flower head at the top.
3. Step 3: Label the 'Carpel' (the female part of the flower) and the 'Stamen' (the male part of the flower) inside your drawing.

4. Explain why the bulb is important for the plant during the winter months.
5. Describe the function of the roots in this plant's life cycle.