

Bea's Brilliant Botany Quiz

Learning objective: To identify and describe the functions of different parts of flowering plants and understand the requirements for plant life and growth.

Join Bea the honeybee on a garden adventure! Read each question carefully and circle the correct answer or write your answer on the line provided.

Answer Key: 1. A (Roots), 2. B (Stem), 3. True, 4. False, 5. Leaves, 6. C (To attract insects), 7. Water, 8. True, 9. Nutrients, 10. A (Life cycle).

Word bank: photosynthesis · roots · stem · leaves · flowers · pollination · nutrients · carbon dioxide

1. Which part of the plant anchors it firmly into the soil? A) Roots* B) Petals C) Seeds D) Fruit (1 mark)

2. Which part of the plant transports water from the roots to the leaves? A) Seeds B) Stem* C) Pollen D) Bark (1 mark)

3. True or False: Plants need sunlight to grow healthy and strong. (1 mark)

4. True or False: Plants can grow perfectly well without any water. (1 mark)

5. What is the name of the plant part that makes food for the plant using sunlight? (1 mark)

6. Why do plants have bright, colourful flowers? A) To hide from birds B) To grow taller C) To attract pollinators like bees* D) To keep warm (1 mark)

7. Besides light and air, what is the main liquid a plant needs to survive? (1 mark)

8. True or False: Some plants grow from seeds, while others grow from bulbs. (1 mark)

9. Soil provides the plant with water and which other essential items? (1 mark)

10. 10. What is the process called that includes germination, growth, and flowering? A) Life cycle* B) The Great Freeze C) Hibernate D) Migration (1 mark)

Draw: Draw a diagram of a flowering plant. Clearly label the roots, stem, leaves, and flower. Add a tiny drawing of Bea the honeybee visiting the flower!



Extension challenge: Imagine you are a plant! Write a short diary entry (3-4 sentences) describing your perfect day in the garden, mentioning the sunlight, the water you drank, and a visitor who landed on your petals.