

# Bea's Brilliant Plant Power Quiz

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

Join Bea the honeybee on a garden adventure! Read each question carefully and circle the best answer. Good luck!

Answer Key: 1) C\*, 2) True, 3) False, 4) B\*, 5) Leaves, 6) A\*, 7) Roots, 8) True, 9) C\*, 10) False. Remember: Plants need water, light and air to thrive!

*Word bank: roots · stem · leaves · flowers · water · sunlight · nutrients · pollination*

**1. Which part of the plant helps it stay upright and carries water to the leaves? A) Roots B) Flowers C) Stem\* D) Seeds (1 mark)**

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**2. True or False: Plants need sunlight to make their own food. (1 mark)**

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**3. True or False: All plants need soil to grow. (1 mark)**

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**4. What do roots do for a plant? A) They make seeds B) They soak up water and hold the plant in the ground\* C) They make food D) They attract bees (1 mark)**

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**5. Which part of the plant uses sunlight to make food? (1 mark)**

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**6. What do flowers produce to help the plant make new seeds? A) Pollen\* B) Metal C) Plastic D) Stones (1 mark)**

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**7. What is the name of the part that anchors the plant firmly in the soil? (1 mark)**

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**8. True or False: Water is transported from the roots up to the rest of the plant. (1 mark)**

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**9. What do plants need to grow healthily? A) Fizzy drinks B) Sweets C) Water, light, and air\* D) Sand (1 mark)**

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**10. True or False: Plants do not need air to survive. (1 mark)**

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**Draw:** Draw a beautiful flowering plant and label the four main parts: the roots, stem, leaves, and flower.



*Extension challenge: Imagine you are a scientist like Nova the owl. If you wanted to test if plants need light, how would you set up an experiment using two identical plants?*