



# Plants and Their Needs

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 2

## Part A: Multiple Choice

Circle the best answer for each question.

1. What three things do plants need to make their own food?

- A) soil, rocks, and shade
- B) sunlight, water, and air
- C) sand, ice, and wind
- D) darkness, clay, and snow

2. Which part of the plant absorbs water from the soil?

- A) leaves
- B) flower
- C) roots
- D) stem

3. What gas do plants release during photosynthesis?

- A) carbon dioxide
- B) nitrogen
- C) oxygen
- D) helium

4. Why are leaves usually green?

- A) They are painted green.
- B) They have a green substance that catches sunlight.
- C) They reflect all colors of light.
- D) They are covered in green dust.

## Part B: Fill in the Blank

Write the correct answer on each line.

1. The green color in leaves comes from a substance called \_\_\_\_\_ .
2. Plants need \_\_\_\_\_ from the soil to grow strong.
3. A stem acts like a \_\_\_\_\_ carrying water up to the leaves.
4. Without sunlight, a plant cannot make \_\_\_\_\_ .
5. Bees visit flowers to collect \_\_\_\_\_ and help spread pollen.

## Answer Key • Plants and Their Needs • Grade: Grade 2

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### Part B: Fill in the Blank

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1. The green color in leaves comes from a substance called chlorophyll.
2. Plants need nutrients from the soil to grow strong.
3. A stem acts like a straw carrying water up to the leaves.
4. Without sunlight, a plant cannot make food.
5. Bees visit flowers to collect nectar and help spread pollen.