

Science Worksheet: Plants

Grade: Year 1

Name: _____

Date: _____

Instructions: Answer the following questions about plants.

1. What are the parts of a plant? Draw and label them.

- Root:
- Stem:
- Leaves:
- Flower (optional for younger students):

2. How do plants make their own food?

Answer: _____

3. Name three things' plants need to grow.

1. _____

2. _____

3. _____

4. True or False: All plants make flowers.

Answer: _____

5. Match the following:

- | | |
|------------------|---------------------------------|
| • Photosynthesis | a. Takes in water and nutrients |
| • Roots | b. Green pigment in leaves |
| • Chlorophyll | c. Makes food for the plant |

6. Look outside your window or in your garden. Draw and label two different types of plants you see.

Plant 1: _____

Plant 2: _____

7. Write two sentences about why plants are important to us.

1. _____

2. _____

8. Bonus Question: What is the tallest tree in the world?

Answer: _____

Answer Key:

1. Parts of a plant (examples):
 - Root: absorbs water and nutrients from the soil
 - Stem: supports the plant and carries water and nutrients
 - Leaves: where photosynthesis happens
 - Flower: produces seeds for new plants
2. Plants make their own food through a process called photosynthesis.
3. Three things' plants need to grow:
 - Sunlight
 - Water
 - Nutrients from soil

4. False: Not all plants make flowers.

5. Matching:

- Photosynthesis c. Makes food for the plant
- Roots a. Takes in water and nutrients
- Chlorophyll b. Green pigment in leaves

6. Drawings may vary. Encourage labelling parts correctly.

7. Example answers:

- Plants give us oxygen to breathe.
- We get food from many plants, like fruits and vegetables.

8. Bonus answer: The tallest tree in the world is the coast redwood (*Sequoia sempervirens*).

Feel free to adjust the difficulty or complexity of the questions based on the students' level of understanding and familiarity with the topic.
