

Photosynthesis Explained

Biology · Answer Key · 8 Questions

1. What is the main purpose of photosynthesis?

- A) To make food for plants**
- B) To absorb water
- C) To release oxygen
- D) To attract insects

2. What are the three main ingredients plants use for photosynthesis?

- A) Sunlight, water, and carbon dioxide**
- B) Soil, water, and oxygen
- C) Sunlight, soil, and carbon dioxide
- D) Nitrogen, water, and sunlight

3. What are the tiny openings in leaves called that allow plants to breathe?

- A) Chloroplasts
- B) Stomata**
- C) Roots
- D) Veins

4. What is the green pigment found in chloroplasts called?

- A) Oxygen
- B) Carbon dioxide
- C) Chlorophyll**
- D) Sugar

5. What two things are produced during photosynthesis?

- A) Carbon dioxide and water
- B) Sugar and oxygen**
- C) Water and sugar
- D) Carbon dioxide and oxygen

6. What part of the plant absorbs water and nutrients?

- A) Leaves
- B) Roots**
- C) Stomata
- D) Chloroplasts

7. What gas do plants take in during photosynthesis?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide**
- D) Hydrogen

8. What gas do plants release during photosynthesis?

- A) Carbon Dioxide
- B) Nitrogen
- C) Oxygen**
- D) Hydrogen