

Photosynthesis: How Plants Make Food

Science · Practice Test · 10 Questions

1. What is the name of the process plants use to make their own food?

- A) Photosynthesis
- B) Respiration
- C) Digestion
- D) Transpiration

2. What type of energy do plants use for photosynthesis?

- A) Chemical energy
- B) Light energy
- C) Electrical energy
- D) Kinetic energy

3. Which of the following is NOT an ingredient needed for photosynthesis?

- A) Sunlight
- B) Water
- C) Carbon Dioxide
- D) Oxygen

4. What substance inside plant cells captures sunlight?

- A) Nucleus
- B) Vacuole
- C) Chlorophyll
- D) Cell wall

5. What two main ingredients are combined to create sugar during photosynthesis?

- A) Water and Oxygen
- B) Carbon Dioxide and Water
- C) Sunlight and Water
- D) Chlorophyll and Sunlight

6. What gas is released into the atmosphere as a result of photosynthesis?

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

7. Where does a plant obtain water for photosynthesis?

- A) Leaves
- B) Stem
- C) Roots
- D) Flowers

8. What is the main product of photosynthesis that the plant uses for food?

- A) Oxygen
- B) Carbon Dioxide
- C) Sugar
- D) Water

9. What part of the plant cell contains chlorophyll?

- A) Cell Wall
- B) Nucleus
- C) Chloroplast
- D) Vacuole

10. What molecule is split to release oxygen during photosynthesis?

- A) Carbon Dioxide
- B) Sugar
- C) Water
- D) Chlorophyll