

Name _____

The Oxygen Odyssey: What Happens to Oxygen Produced During Photosynthesis

Multiple Choice Questions

1. What is the primary purpose of photosynthesis?
 - a) To produce oxygen
 - b) To create glucose
 - c) To release carbon dioxide
 - d) To generate water

2. Where do plants release oxygen during photosynthesis?
 - a) Through their roots
 - b) Through their stems
 - c) Through tiny openings called stomata on their leaves
 - d) Through their flowers

3. How does oxygen released during photosynthesis benefit humans and animals?
 - a) It supports cellular respiration
 - b) It helps plants grow taller
 - c) It serves as a waste product
 - d) It is used for photosynthesis in animals

4. What role does oxygen play in the carbon cycle?
 - a) It helps plants capture sunlight
 - b) It regulates the balance of carbon dioxide in the atmosphere
 - c) It makes the Earth warmer
 - d) It is released during deforestation

5. Why is it crucial to protect natural environments where photosynthesis occurs?
 - a) To reduce the number of plants on Earth
 - b) To increase carbon dioxide levels
 - c) To ensure a continuous supply of oxygen
 - d) To promote habitat destruction

