

## Ch. 9 - Photosynthesis Review Worksheet

Use your knowledge of photosynthesis & your notes to complete this worksheet.

1. Write out the CHEMICAL equation for photosynthesis.



2. Name the REACTANTS needed photosynthesis.

Carbon dioxide and water

3. Name the PRODUCTS formed by photosynthesis.

Glucose, oxygen, & water

4. How do plants get the water that they require for photosynthesis?

Absorbed through roots by osmosis & then enters the xylem tubes in veins.

5. How do plants get the carbon dioxide that they require for photosynthesis?

Enters through the stomata/pores in the leaf by diffusion.

6. What do plants do with the glucose produced by photosynthesis; discuss 3 things.

- a. Use glucose for food which gives plants energy.
- b. Excess glucose is stored in roots as polysaccharide starch.
- c. Some glucose is converted into polysaccharide cellulose which builds cell walls.

7. What do plants do with the oxygen produced by photosynthesis?

They release some oxygen into the air AND recycle some oxygen to the mitochondria for cellular respiration.

8. What can plants do with the "new" water produced by photosynthesis?

- a. Use it to rehydrate their cytoplasm.
- b. Store it in their vacuole(s).
- c. Release it into the air through their stomata by transpiration.

# Answer Key Photosynthesis

**Linda Brooke Stabler, Mark  
Metz, Allison Wilkes**



## **Answer Key Photosynthesis:**

**Kaplan AP Biology 2016** Linda Brooke Stabler, Mark Metz, Allison Wilkes, 2015-08-04 The Advanced Placement exam preparation guide that delivers 75 years of proven Kaplan experience and features exclusive strategies practice and review to help students ace the NEW AP Biology exam Students spend the school year preparing for the AP Biology exam Now it s time to reap the rewards money saving college credit advanced placement or an admissions edge However achieving a top score on the AP Biology exam requires more than knowing the material students need to get comfortable with the test format itself prepare for pitfalls and arm themselves with foolproof strategies That s where the Kaplan plan has the clear advantage Kaplan s AP Biology 2016 has been updated for the NEW exam and contains many essential and unique features to improve test scores including 2 full length practice tests and a full length diagnostic test to identify target areas for score improvement Detailed answer explanations Tips and strategies for scoring higher from expert AP teachers and students who scored a perfect 5 on the exam End of chapter quizzes Targeted review of the most up to date content and key information organized by Big Idea that is specific to the revised AP Biology exam Kaplan s AP Biology 2016 provides students with everything they need to improve their scores guaranteed Kaplan s Higher Score guarantee provides security that no other test preparation guide on the market can match Kaplan has helped more than three million students to prepare for standardized tests We invest more than 4 5 million annually in research and support for our products We know that our test taking techniques and strategies work and our materials are completely up to date for the NEW AP Biology exam Kaplan s AP Biology 2016 is the must have preparation tool for every student looking to do better on the NEW AP Biology test *Plants (eBook)* Edward P. Ortleb, Richard Cadice, 1986-09-01 This book presents a program of basic studies focusing on green plants Students will study and compare algae mosses ferns and seed plants Each of the twelve teaching units in this book is introduced by a color transparency print books or PowerPoint slide eBooks that emphasizes the basic concept of the unit and presents questions for discussion Reproducible student pages provide reinforcement and follow up activities The teaching guide offers descriptions of the basic concepts to be presented background information suggestions for enrichment activities and a complete answer key **Foundation Science Biology** Chandan Sengupta, Place of Publication Arabinda Nagar Bankura 722101 WB India Resource Centre This Handbook is prepared for providing some additional study materials to fellow students of Class X of the National Curriculum and State Boards Most of the questions were adopted from the previous year question papers of different boards and duly presented in the form of different worksheets Topics covered 1 Biological processes 2 Reproduction in Plants and Animals 3 Genetics and Evolution 4 Physiology of Hearing and Vision For additional practice questions check out the Extended Study Modules by exploring the public domains Chandan Sukumar Sengupta You can use them to study on internet your smartphone tablet or computer anytime anywhere [Educart ICSE Class 10 Question Bank 2025 Biology One Shot for 2024-25 Exam](#) Educart, Sir Tarun Rupani, 2024-06-28 **Language Power:**

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