

Unit 3 Section 2 Lesson 2: Presto, Changeo

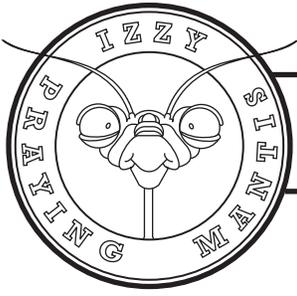
Assessment

Handout 3 Answer Key

NAME: _____

Match the following vocabulary words with their definitions:

- | | |
|--------------------------|--|
| 1. $C_6H_{12}O_6$ | eating green plants _6_ |
| 2. carbon dioxide | the part of the leaf that contains the chlorophyll, and the place where photosynthesis takes place _4_ |
| 3. chlorophyll | a gas inhaled by animals but given off by plants as a waste product in photosynthesis _7_ |
| 4. chloroplast | a gas exhaled by animals as a by-product of respiration (breathing) and used by plants to produce food _2_ |
| 5. molecule | tiny openings in the leaf that allow air (containing carbon dioxide and oxygen) to enter and oxygen and water vapor to leave the plant _10_ |
| 6. primary consumption | the product produced by green plants in the process of photosynthesis _1_ |
| 7. oxygen | the process by which plants store energy to produce food _8_ |
| 8. photosynthesis | a green substance in the leaves of most plants that absorbs energy from light and stores it as chemical energy _3_ |
| 9. secondary consumption | the combination of two or more atoms _5_ |
| 10. stomata | eating an animal or product from an animal that eats green plants _9_ |



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Complete the following sentence:

Green plants, in the presence of **sunlight**, convert (change) water, H_2O and carbon dioxide CO_2 into molecules of $\text{C}_6\text{H}_{12}\text{O}_6$. Oxygen, O_2 , is released as a by-product of this process called **photosynthesis**. **Chlorophyll** is needed to convert the sun's energy to **chemical** energy.

Word bank:

CO_2 H_2O $\text{C}_6\text{H}_{12}\text{O}_6$ O_2 sunlight chemical chlorophyll photosynthesis

Complete the following:

Two examples of primary food sources: **Answers will vary**

Two examples of secondary food sources: **Answers will vary**

