

Complete this week: due 1/18

**Photosynthesis: Page 1-3 (upload to archie)**

• **EDU Smart:**  
 **Reader - Energy Flow in the Envir. &**  
 **Interactivity - Go with the Energy Flow**

• **EDU Smart:**  
 **Reader - A Restoration Story &**  
 **IM - Organisms Changing their Environment**

• **EDU Smart:**  
 **IM - Human Impacts on Ecosystems**

**Reminders**

- **Interdependence Test (tentative 1/22-23) depends on the class schedule. Different sections may have different test days depending on class pace.**
- **Students will also be given time in class to complete HW assignments (if time permits)**
- **STEM Project #2 this month: Catapult**
  - **Materials needed:**
    - **Jumbo Craft Sticks**
    - **Rubber Bands**
    - **Plastic Spoons**

**Interdependence Unit Vocab**  
(pending)



## Photosynthesis Note-taking Guide

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*combine roots chlorophyll release stomata vine*  
*absorbed photosynthesis soil transport*

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Carbon dioxide helped the \_\_\_\_\_ to grow the grapes through a process called photosynthesis.

The carbon dioxide is \_\_\_\_\_ from the air through tiny pores called \_\_\_\_\_ on its leaves.

Leaves have a special molecule called \_\_\_\_\_.

Once the leaves get their energy from the Sun, they \_\_\_\_\_ carbon dioxide and water to make fuel, also called its food, for the plant.

The water comes from the \_\_\_\_\_. The \_\_\_\_\_ of the plant absorb water and \_\_\_\_\_ it through the stems to the leaves.

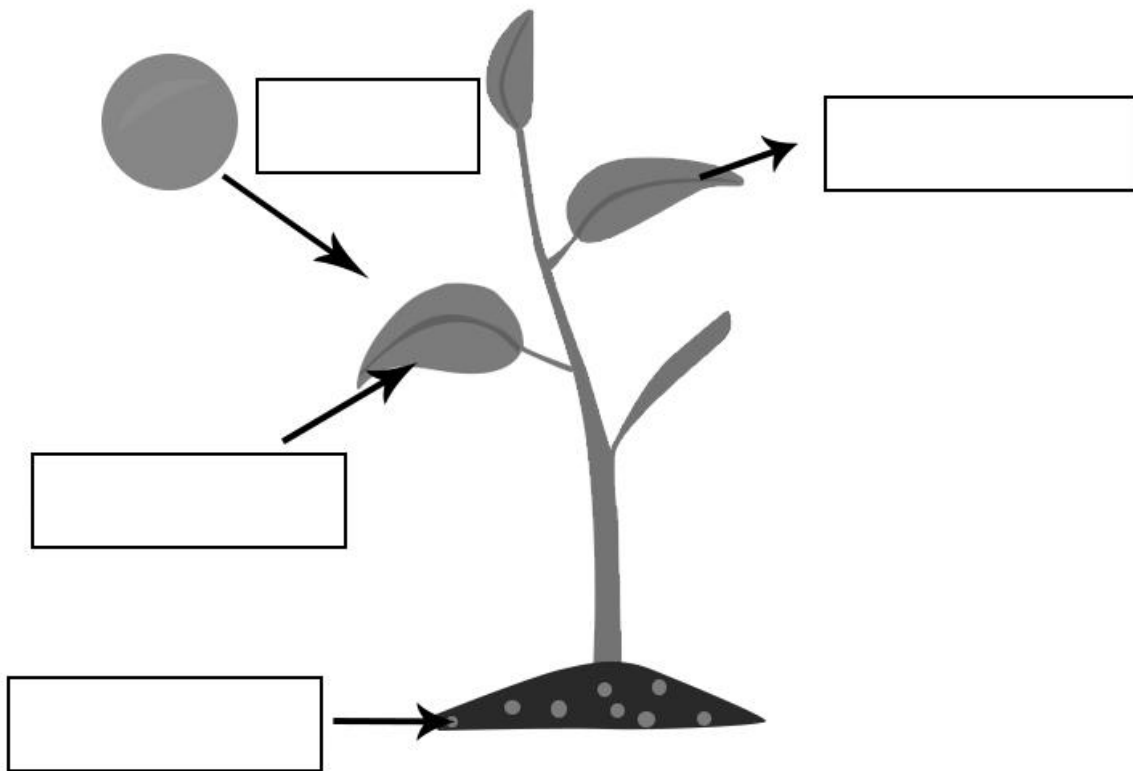
While making the food, the leaves \_\_\_\_\_ oxygen from their stomata.

This process in which a plant uses carbon dioxide, water, and sunlight to make food and release oxygen is called \_\_\_\_\_.

## Photosynthesis Graphic Organizer

This process in which a plant makes food is called photosynthesis. Identify the various things required or produced during photosynthesis in the picture below. You may use the clues in the box.

carbon dioxide    oxygen    water    sunlight



## Photosynthesis Journal Prompt

Plants use sunlight and two different raw materials to make the food they need. The picture shows a typical plant.



Describe how plants make food. Be sure to include the following points in your answer.

1. The two raw materials used to make food
2. The part of the plant that makes the food
3. How the raw materials get to the part of the plant that makes the food