



Science Virtual Learning

# LEP Science

April 14, 2020



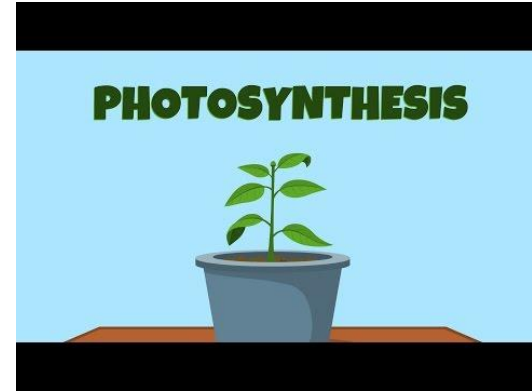
## LEP Science

Lesson: April 14, 2020

**Objective/Learning Target: I can explain the process of photosynthesis and why it is important.**

## Let's get started! Watch the video and answer the questions

1. Where do plants get the raw materials they need to make food?
2. How do plants get water?
3. What are the two tubes called?
4. Where do plants get carbon dioxide?
5. What are the pores on the bottom of leaves called?
6. What are 3 things needed for photosynthesis to begin?
7. Where does photosynthesis take place?
8. What are the organelles in the mesophyll cells of the leaf called?
9. What makes leaves green?
10. What is the formula for photosynthesis ( \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ + \_\_\_\_\_ )
11. What is glucose?
12. What do humans use from the plants?





Let's get started! Watch the video and answer the questions

1. Where do plants get the raw materials they need to make food? **Soil, air, and sun**
2. How do plants get water? **They take it in from the roots**
3. What are the two tubes called? **Xylem and phloem**
4. Where do plants get carbon dioxide? **From the air**
5. What are the pores on the bottom of leaves called? **stomata**
6. What are 3 things needed for photosynthesis to begin? **Water, carbon dioxide, sunlight.**
7. Where does photosynthesis take place? **Leaves**
8. What are the organelles in the mesophyll cells of the leaf called? **Chloroplasts**
9. What makes leaves green? **Chlorophyll**
10. What is the formula for photosynthesis (**water + CO<sub>2</sub> + sun = glucose + oxygen**)
11. What is glucose? **The food made by plants**
12. What do humans use from the plants? **oxygen**



## Lesson Activity

Open the [Photosynthesis Reading](#) link and read about photosynthesis. Take notes if you need to, but most of the reading should reinforce what you learned in the video.

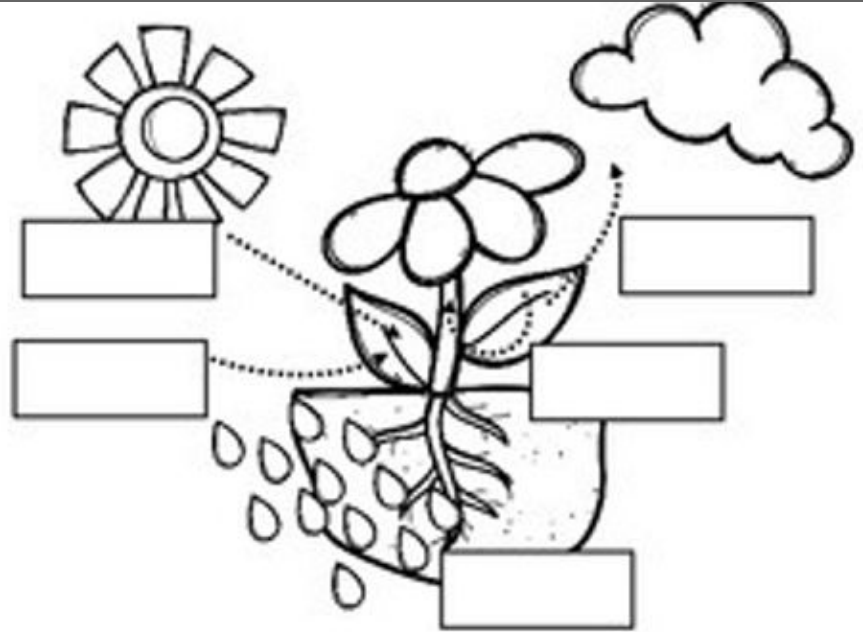
**When you are done, click the link below to test how well you did obtaining information about photosynthesis.**

[Quiz on Reading](#)

## Let's do a little more practice

Using the terms listed below, fill in the blanks on the picture. Each word may be used more than once.

Water  
 Carbon Dioxide  
 Sunlight  
 Oxygen  
 Glucose

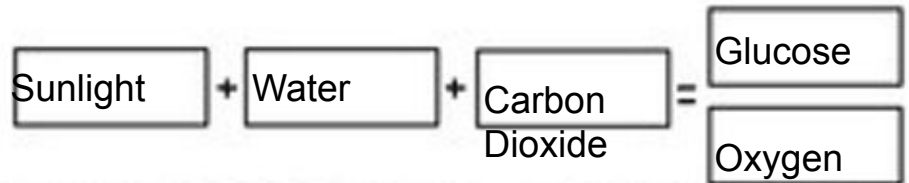
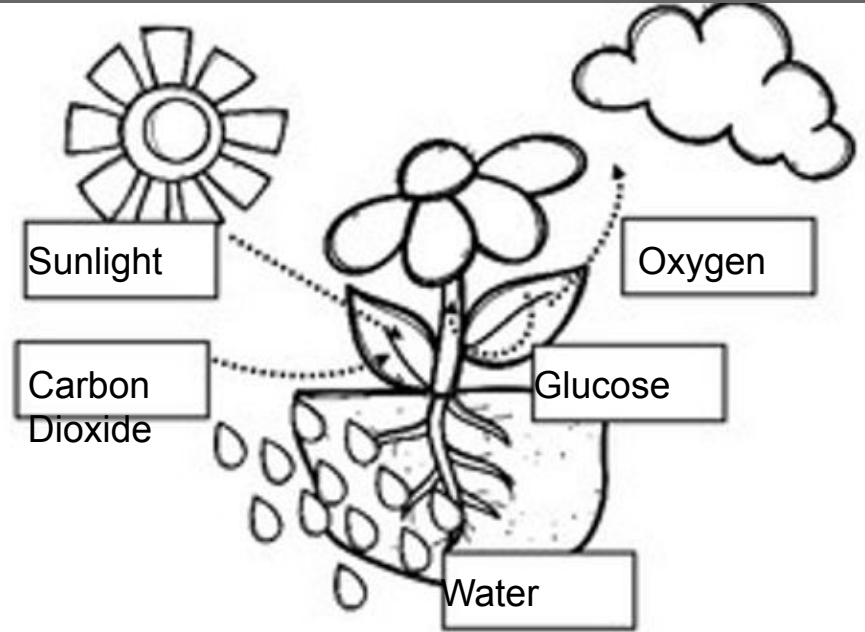


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## How did you do?

Using the terms listed below, fill in the blanks on the picture. Each word may be used more than once.

Water  
 Carbon Dioxide  
 Sunlight  
 Oxygen  
 Glucose





## Additional Resources

[More Photosynthesis reading](#)  
[Another Photosynthesis resource](#)