

### **LUCETE READING E7-1**

UNIT 5. The Secret Life of Leaves

## The Secret Life of Leaves Let's Check!

### 1. What are the keywords?

### 2. What is the main idea of the text?



#### **READING SECTION:**

#### The Secret Life of Leaves

Ever wonder what the main theme is behind the life of plants? It's a special process called photosynthesis, an important event that's always on the plant's schedule.

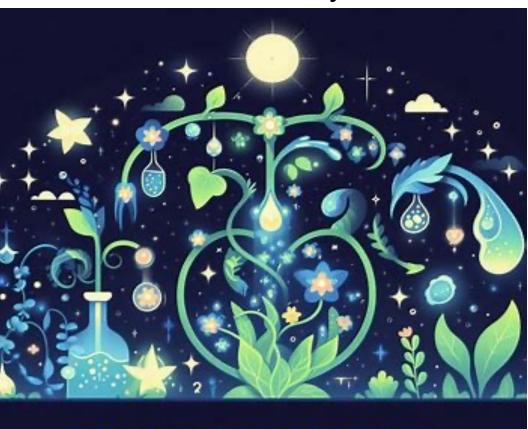
This performance happens inside the leaf's venue. The leaf is the central stage where this remarkable process takes place. The leaf contains something green known as chlorophyll. What's the role of chlorophyll? Just like a star performer at a talent show, it captures the spotlight of sunlight for energy. But the show wouldn't be complete without two other crucial elements: water from the soil and carbon dioxide from the air. These are like the supporting actors in a drama. When sunlight hits the leaf, it energizes chlorophyll and starts a chemical game. This demonstration changes water and carbon dioxide into two amazing things: glucose and oxygen. This is what we call photosynthesis. Plants store glucose for their own use and give off oxygen as a gift to the environment.

Why is this process so important? It's vital because it allows plants to grow and even provides us with the oxygen we need to breathe. Next time you look at a plant, remember the incredible teamwork and preparations happening in each leaf. It's like a small science fair, but for plants!

6 vocabulary key words: photosynthesis, schedule, chlorophyll, energizes, demonstration, breathe

## The Secret Life of Leaves Let's Check!

1. What is the summary?



THE MAGICAL PROCCESS:

- PHOTOSYNTHESIS -



### The Secret Life of Leaves Let's Think!

### 1. Beginning of the Passage:

Question: Do you believe plants have feelings or emotions similar to humans?

Answer: I believe plants do/don't have feelings or emotions because \_\_\_\_\_.

### 2. Middle of the Passage (First Half):

Question: The leaf is described as a venue and chlorophyll as a star performer. If you could be any part of this show, which role would you choose and why?

Answer: If I were part of the leaf's show, I would be \_\_\_\_\_ because \_\_\_\_\_.

#### 3. Middle of the Passage (Second Half):

Question: Plants give off oxygen as a gift to the environment. Do you think human beings give back enough to the environment in return? Why or why not?

Answer: I think humans do/don't give back enough to the environment because .

### 4. End of the Passage (First Half):

Question: What is a gift you've given to someone or something recently, and why did you choose that?

Answer: A recent gift I gave was \_\_\_\_\_ to \_\_\_\_ because \_\_\_\_.

### 5. End of the Passage (Second Half):

Question: When you think of a science fair, what exciting experiment or project comes to your mind?

Answer: When I think of a science fair, I imagine \_\_\_\_\_.

# The Secret Life of Leaves Wrap Up!

1. Why are water and carbon dioxide important for plants?

1. Can you think of a time when teamwork made something better or easier?

1. Why is it good to know about things like photosynthesis?