

Photosynthesis Play

Six students in the class will act out a play about photosynthesis. As they act out the play, answer the following questions:

1. List the three things that Planty eats.
 - A. _____
 - B. _____
 - C. _____
2. After the chemical reaction, what is produced that feeds Planty's cells?
3. Most of what substance exits Planty through his leaves?

Notes- Photosynthesis

Photosynthesis	<ul style="list-style-type: none"> ▪ Photosynthesis is the process in which plants use _____, _____, and _____ energy to create _____ and _____.
In the box to the right, write the formula for photosynthesis.	
Where does Photosynthesis occur?	<ul style="list-style-type: none"> ▪ Photosynthesis occurs within the _____ parts of _____. ▫ Only _____ can perform photosynthesis. ▫ It occurs within the _____ in plant cells.
Why is Photosynthesis so important?	<ol style="list-style-type: none"> 1. It provides the _____ we breath. 2. It removes much of the _____ from the atmosphere. 3. It produces _____. 4. It creates usable _____. 5. There would be no _____ without it.

Notes- Cellular Respiration

Cellular Respiration	» Cellular respiration is the process in which organisms _____ food to create usable _____.
In the box to the right, write the formula for cellular respiration	
Where does cellular respiration occur?	<p>» Cellular respiration occurs within every _____ of every _____ organism.</p> <p>» It occurs within the _____ of each cell.</p>
What is the energy from cellular respiration used for?	<ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
The Oxygen Cycle	<p>» Photosynthesis and Cellular Respiration are complimentary _____ that result in the _____ cycle.</p> <p>» The _____ of photosynthesis are the _____ of cellular respiration and the _____ of cellular respiration are the _____ of photosynthesis.</p>
Draw the Oxygen Cycle in the box to the right	