

Notes- Cellular Respiration

Cellular Respiration	<ul style="list-style-type: none"> » Cellular respiration is the process in which organisms _____ food to create usable _____. » _____ energy in _____ is converted into _____ and _____ energy in the living organism.
In the box to the right, write the formula for cellular respiration	
Where does cellular respiration occur?	<ul style="list-style-type: none"> » Cellular respiration occurs within every _____ of every _____ organism. » It occurs within the _____ of each cell.
What is the energy from cellular respiration used for?	<ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Energy Conversions	<ul style="list-style-type: none"> » Which types of energy are _____ from the _____ to a _____ _____? » _____/Solar/Light (light from _____) » _____ (_____ stored in plant through photosynthesis, cellular respiration & _____ in animal) » _____ (organism breaks down glucose to produce energy to _____ and grow) » _____ (_____ is released in the atmosphere)

<p>The Oxygen Cycle</p>	<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>
<p>Draw the Oxygen Cycle in the box to the right</p>	

Photosynthesis vs. Cellular Respiration

<u>Photosynthesis</u>	<u>Cellular Respiration</u>
Reaction:	Reaction:
Reactants:	Reactants:
Products:	Products:
Waste Products:	Waste Products:
Energy Needs:	Energy Needs:
Summary:	Summary: