

Notes- Cellular Respiration

Cellular Respiration	<p>» Cellular respiration is the process in which organisms _____ food to create usable _____.</p> <p>» _____ energy in _____ is converted into _____ and _____ energy in the living organism.</p>
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?	<p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p>
Energy Conversions	<p>» Which types of energy are _____ from the _____ to a _____ ?</p> <p>» _____/Solar/Light (light from _____)</p> <p>» _____ (_____ stored in plant through photosynthesis, cellular respiration & _____ in animal)</p> <p>» _____ (organism breaks down glucose to produce energy to _____ and grow)</p> <p>» _____ (_____ is released in the atmosphere)</p>

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	

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: