Cell Respiration Learning Activity

Go to- <http://www.sumanasinc.com/webcontent/animations/content/cellularrespiration.html>

1. What are the reactants (what is needed) for cell respiration?
2. What are the products (what is produced)?
3. Why is photosynthesis and cell respiration considered opposite processes?
4. What is the source of energy in Photosynthesis? What is the energy created in cell respiration?
5. What organelle does photosynthesis occurs? What organelle does cell respiration occurs?

Review Questions (not in the interactive website)

1. Explain how diffusion helps get oxygen and carbon dioxide in and out of the cell?
2. Oxygen and carbon dioxide pass through a phospholipid bilayer. What organelle is this called?
3. Glucose cannot get into the cell without energy. What type of transport is required?
4. Glucose is a sugar that is converted to ATP energy. What type of biomolecule is glucose?
5. What body system is involved in breaking down glucose from your food? What body system is involved in breathing in oxygen and out carbon dioxide? What body system uses ATP energy the most and state why?