**Part 5- Respiration**

**6.L.1.2-** Explain the significance of the processes of photosynthesis, respiration and transpiration to the survival of green plants and other organisms.

**Respiration**- The process in which organisms use the \_\_\_\_\_\_\_\_ that is \_\_\_\_\_ in \_\_\_\_\_\_\_\_\_. The energy from \_\_\_\_\_\_\_\_\_\_\_ is used for growth, repair, reproduction, and other life processes. During respiration, plants use \_\_\_\_\_\_\_ and \_\_\_\_\_\_. After respiration, plants release \_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_

**Photosynthesis**

* Stores \_\_\_\_\_\_\_ in sugar
* Occurs only in \_\_\_\_\_ with \_\_\_\_\_\_\_\_\_\_\_
* Releases \_\_\_\_\_\_\_\_
* Uses \_\_\_\_\_\_\_
* Uses \_\_\_\_\_\_\_\_

**Respiration**

* Releases energy from \_\_\_\_\_\_\_\_\_
* Occurs in \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_
* Uses \_\_\_\_\_\_\_\_\_\_
* Releases \_\_\_\_\_\_\_\_\_
* Releases \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Review Questions**

* Which chemicals are released as a result of respiration?
  1. Oxygen and Water
  2. Carbon Dioxide and Oxygen
  3. Oxygen and Glucose
  4. Carbon Dioxide and Water
* What term describes the chemical process in which living organisms break apart sugar and use its energy?
  1. Respiration c) Transpiration
  2. Photosynthesis d) Evolution