**Topics for Photosynthesis Quiz**

**You Should Be Able To:**

* Identify the differences between heterotrophs and autotrophs
* Describe the differences between chemosynthesis and photosynthesis
* Write both the word and chemical equations that represent the process of photosynthesis.
* Identify the parts of a chloroplast
* Identify the different pigments that are used during photosynthesis and what colors they absorb and reflect
* Describe why leaves change colors in the fall
* Explain the two parts of photosynthesis – the light or photo reaction and the synthesis or Calvin Cycle and the locations of these two reactions.
* Explain the connection between the light reactions and the synthesis reactions in photosynthesis.
* Describe three factors that affect the rate of photosynthesis reactions.