**Biology Note-Taking Guide**

**8.1: Energy and Life**

**Part B - Autotrophs and Heterotrophs**

* **Autotrophs and Heterotrophs**
	+ All organisms need \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to power the ATP cycle.

Picture of ATP Cycle

* + Different types of organisms get this energy from different sources!
	+ Autotrophs get energy from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. They are also called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
		- The type of primary production that uses sunlight as energy is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
			* Examples of organisms that do this
				+
		- The type of primary production that DOES NOT use sunlight as energy is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
			* An example of an organism that do this
				+
			* These organisms get energy from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and live near \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.