**Energy and Life**

**Note Taking Guide**

1. **Energy** is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Organisms can be classified by how they get their energy
	1. Autotrophic -
		1. Examples:
	2. Heterotrophic -
		1. Examples:
3. Forms of energy (list 4)

Adenosine Triphosphate **ATP**

* 1. **Function**: Cells use ATP to \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ energy.
	2. Cellular “currency” ![C:\Documents and Settings\duncansta\Local Settings\Temporary Internet Files\Content.IE5\6UG0X62W\MC900015818[1].wmf]()
	3. **Structure**:

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1. Adenosine Diphosphate **ADP**
	1. **Structure:**



1. How is energy released?
2. Using Biochemical Energy
	1. Cells only have a \_\_\_\_\_\_\_\_\_\_\_\_ of ATP on hand, because