**Science Menu due October 30th**

**4 points**

Look up the words and define them in your own words.

Vocabulary Words

         Matter Atoms

Endothermic Heterogeneous

Exothermic Homogeneous

Solution Mixture

**Current Event (4 Points)**

* Choose a news article (from the paper, a magazine, or the internet) related to *OUR CURRENT TOPIC*. The article must be from 2015 to be considered current.
* Answer the following questions in complete sentences:

-Title of article, author, name of publication, and date of publication.

-What happened?

-Where did it happen?

-How is it related to what we are currently learning?

**FULL SENTENCES OR IT IS WRONG!!!**

* Name the subatomic particles in an atom their charges (2 points)
* Name the 4 states of matter and draw a picture of the molecules in each. (2 points )
* Explain the difference between a pure substance and a mixture. (2pts)
* Explain the octet rule and how does it apply to chemical bonding. (2pts)
* Why do compounds form? (2pts)
* Contrast Solute, Solvent and Solution. (2pts)