**Sources of Electrical Energy**

Five sources of electrical energy are:

* Chemical – sources accumulate charge through chemical processes.
* Photo (light) – photoelectric materials emit electrons when they are struck by light
* Electromagnetic – a wire moving in an electric field generates current.
* Thermo (heat) – some dissimilar metals generate current when heated.
* Piezo (crystals) – certain crystals generate current when they are heated or stressed.

Your assignment is to **select one source of electrical energy** and explain how it operates. You will also name some of the common uses of these technologies.

You will present your findings in either a pamphlet, or a PowerPoint that would be appropriate for a grade 6 student learn from. Keep your written information to a minimum and include visuals.

**Evaluation**

Information that should be included in your information sheet:

1. How does the source generate electricity? (4 points)
2. What are some common uses of this technology? (4 points)
3. What are some advantages and disadvantages? (4 points)
4. Visual images (4 points)
5. Sources Cited (2 points)

Also:

Overall appearance (2 points)

Appropriate for audience (grade 6 student) (2 points)

**Total**: **22 points**

You will have 3 periods in the computer lab to work on this assignment. Additional time that is required must be done on your own time.

This is due to be handed in on **Monday, April 15th**

**You can share the assignment with ugoogling@gmail.com**