**Directions:** Each lab group will be assigned a particular energy source. You will research that energy source using the Internet and create a poster about it. After all research and posters are created, your group will participate in a gallery walk.

**Poster Guidelines**:

1. Below, are some really good internet websites on the different energy sources. The first four websites include all energy sources and are reader friendly.

[www.energyquest.ca.gov/story](http://www.energyquest.ca.gov/story) Overview of sources of energy

<http://www.eia.gov/kids/> Energy Information Administration’s Kid’s Page

<http://library.thinkquest.org/20331/types/> Energy Matters

<http://www.darvill.clara.net/altenerg/fossil.htm> All Energy Sources

[www.awea.org](http://www.awea.org) American Wind Energy Association

[www.nei.org](http://www.nei.org) Nuclear Energy Institute

[www.hydro.org](http://www.hydro.org) National Hydropower Association

[www.ases.org](http://www.ases.org) American Solar Energy Society

[www.propanecouncil.org](http://www.propanecouncil.org) Propane Education and Research Council

[www.api.org](http://www.api.org) American Petroleum Institute

[www.ngsa.org](http://www.ngsa.org) Natural Gas Supply Association

1. On the back of your poster you must write down all of the resources that you used to gather information for your poster.
2. The following information must be included on your poster board to receive full credit. It doesn’t matter how you display this information (pictures, graphs, words, etc.) it just must be there in some kind of form.
   1. Title
   2. Description of the energy source including if it is a renewable or nonrenewable source.
   3. Where the energy source is found and how it is recovered.
   4. How is this source used today?
   5. What are the advantages (3) or disadvantages (3) in using this energy source?
   6. What is the future of this energy source?
   7. One example of how energy can be conserved with your particular energy source.
   8. Explain the Law of Conservation of Energy.

\*\*Have fun with this poster and be creative. You need to have the required information but be creative in how you display the information on your poster.\*\*

Lab Groups: 1= Coal

2= Hydropower

3= natural gas

4= oil (petroleum)

5= wind

6= propane

7= solar energy

My Groups Energy Source: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Description of the energy source including if it is a renewable or nonrenewable source.

Where the energy source is found and how it is recovered.

How is this source used today?

What are the advantages (3) or disadvantages (3) in using this energy source?

What is the future of this energy source?

One example of how energy can be conserved with your particular energy source.

Explain the Law of Conservation of Energy.