Energy Technology

**Directions: for this activity you will be creating a booklet using a manila folder which will demonstrate knowledge of seven energy sources used today to power our world.**

Day 1: Watch a video on various energy sources such as wind, solar and geothermal

Day 2 - 4: Receive definitions on each of the energy sources which you will research more about. Next, you will use the computer to research the following information about each energy source. Write your information on a separate sheet of paper and include websites used. (This information will need to be turned in at the end of the assignment for credit)

Wind power: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Solar power: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Geothermal: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Biomass: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Nuclear power: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Water power (hydroelectric): What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Fossil Fuels: What are the positive outcomes of using this energy source? What are the negative outcomes of using this energy source? What are the costs involved in building and using this energy source? What are the environmental concerns in using this energy source?

Day 5: Locate pictures showing each of the energy sources, you will want to draw these out on a separate piece of printer paper to be used in your energy booklet.

Day 6- 12: construction of the booklet using printer paper, charts, graphs and research information. Example to follow.