

Start thinking about your research paper

Topics we will think/research/write about
Everyone

- How is energy used in NYC
- Where does it come from.
- What do we use energy for in NYC.

If you are researching a source of energy

- How much of this kind of energy is used now.
- How much capacity in world.
- Environmental impact.
- US and World distribution

If you are researching a use for energy

- How much energy is used now for this.
- What kind of energy is used.
- Range of efficiencies.
- How do people use energy for this in different countries

Working together and alone in the class

1) Plagiarism is theft. Period – no discussion. Don't copy from each other; Don't copy from the web. Just use your own words. Like any other skill you have to work at it to get better. If you copy you cheat yourself. You are paying for a class where we will help you get better. If you copy then we can't help you. **AND YOU CAN BE KICKED OUT OF SCHOOL FOR CHEATING**

2) Working together, sharing information, helping each other is a good thing. Everyone has their own topic. If you find a good source of information for someone else let them know. Talking about problems and ideas is great (and not cheating).

3) For numerical homework: If you work together it's still best to go home and make sure that you can solve it on your own. If you really do it together then put that on your homework.

Your NAME _____

Question

- 1) What do you plan/hope to major in?
- 2) Are you taking a math class now?
If yes which one?
Are you 'comfortable' with: Algebra Trigonometry
- 3) Did you have high school physics?
- 4) Did you take high school chemistry?
- 5) Do you know how to use a spreadsheet to do calculations or make a graph?
- 6) Why are you taking this class:
 Science – physics chemistry earth-science biology
 Social science – public policy economics international-affairs
 Other
- 7) Your email address
- 8) Your topic
- 9) Why are you taking this class?

Your name:

DUE Sept 8, 2009

For each answer give the source of your answer. If you worked it out yourself show your work. If you looked it up on the web give the URL; from a text give the name of the book, authors and page.

I'm happy with email answers to homework.

1) Give a definition of the following words

Force

Energy

Power

2) What are the units of energy.

3) List 3 kinds of energy.

4) List 3 sources of energy

5) Give a definition of a calorie.

How many Joules are there in a 100 cal package of cookies?