

Research Paper - Assignment

Each student will write a **1000 word** research paper defending his/her viewpoint as to which one of the traditional energy sources or the clean (green) energy sources is the right choice for the world's future energy needs.

Traditional Energy Sources

- Nuclear Power
- Petroleum
- Natural Gas
- Coal

Clean Energy Sources

- Wind turbines
- Hydroelectric power and tide generators
- Solar power
- Geothermal power

Structure

- 1000 words long
- Use the template!
 - MLA format
 - Double spaced
 - 12 pt Times New Roman
 - 1 inch margins
- Works cited page
 - 4 **CREDIBLE** sources
 - * NO WIKIPEDIA
 - * NO '.gov' websites
 - * Google and Bing are NOT sources, they are search engines.
 - * Diagrams/pictures need to be cited
 - * Cite your sources with either easybib.com or citationmachine.net
- Proper grammar
- **IF YOU PLAGIARIZE ON YOUR PAPER AT ALL, YOU WILL RECEIVE A ZERO & A REFERRAL!!! (This is school policy, and it will be followed.)**

Content

1. A clear explanation of how this energy source is used to produce energy.
 - What are the steps one must undergo to move from the raw material to electrical power?
 - Clearly explain if the source produces the energy directly, or if it is used to power another device that actually produces the energy.
2. Must include a diagram of the source machinery showing how it operates
3. Contrast the cost per kilowatt hour of operating your source with the other available sources
4. Contrast the Dollar amount cost of installation and upkeep for your source with the cost of the other available sources of energy
5. What naturally occurring resource(s) must be available to utilize the chosen energy source, including humans to monitor or maintain any equipment
6. What type of physical location is necessary to use the energy source (can it be used anywhere, or does it require a very specific type of location to work)
7. What are the positive and negative factors that influence the use of the energy source
8. What are the specific advantages and disadvantages of using the chosen energy source in comparison to all the other energy sources available to humans
 - Why is yours better than the other 7 choices available?
9. What are the environmental impacts of using this energy source and how does its use affect human communities in the immediate vicinity, as well as in the rest of the world as a whole
 - These can be Good or Bad impacts