

Global Geography 12

Alternative Energy Sources Assignment

Ms. Cowan and Ms. Irving

SCO: Evaluate the planetary state of health.

For this assignment, you will complete the following tasks:

- 1- Find an article on a specific type of Alternative Energy
- 2- Print off a hardcopy of the article to hand in
- 3- Create a presentation using a multimedia program based on the information presented in the article
- 4- Complete a response to your classmates presentations defending what you think is the best Alternative Energy Source

Task 1: Find an article and research your Alternative Energy

Find an article on a supporting a specific type of Alternative Energy (see list below for options- each option can only be used once). The article must be a minimum of two pages long. EBSCO search engine will help you in your research.

*to access EBSCO outside of school go to: the school website, the library page, select "EBSCO" (username: HRSB, password: HRSB).

Wind Power

Wind turbines
Wind mills
Wind pumps

Hydropower

Impoundment
Diversion
Pumped storage

Solar energy

Solar thermal energy
Photovoltaic thermal energy
Concentrating solar power

Geothermal energy

Geothermal Heat/Hot Water
Geothermal Electricity

Other

Tidal
Nuclear
Ethanol
Hydrogen fuel cell

Algae fuel
Biomass briquettes
Biomass digestion
Floating wind farms

Task 2: Print off a hard copy of the article

Task 3: Create a Presentation

Create a presentation using a multimedia program (power point, moviemaker, or other). Requirements of the presentation:

- The presentation is based on the information presented in the article and your chosen alternative energy
- What is it and how does it work?
- Benefits of this alternative energy

- Case studies of where this alternative energy has been successful
- The presentation should consist of **almost only images**
- Only 15-20 words can be used in your multimedia presentation
- You will be allowed cue cards to supplement the multimedia presentation
- Your presentations should be about 5-10 minutes long
- Don't forget to include all sources for a bibliography, including where you got pictures!

Task 4: Write a response

After viewing all of your classmates' presentations, write a response explaining what you think is the best type of an Alternative Energy. Explain WHY you think it is the best source. You cannot choose the topic you presented on.

How will you be assessed?

/13

Choosing an article:

Choose an appropriate article that detailed a specific renewable energy source (and handed in a copy for review)	Chose an article but it did not specifically address or explain a renewable energy source	Did not choose or include an article
2	1	0

Presentation:

Presentation explained the article and included details about the renewable energy source	Presentation explained parts of the article but did not include details about the renewable energy source	Presentation did not explain article effectively and did not include details about the renewable energy source	Did not complete
3	2	1	0
Presentation of material was effective (used a piece of multimedia, used mostly images, verbally presented most of the info)	Presentation was mostly effective but could have been enhanced	Presentation was basic and did not meet the requirements	Did not complete
3	2	1	0

Sources:

Sources were cited and in proper format, including alphabetical order.	Sources were cited but not in proper format or alphabetical order	No Sources
2	1	0

Write a Response:

Response explained a renewable energy source and defended why they thought it was the best. Student included details.	Response explained a renewable energy source and defended why they thought it was the best. Student may not have included details.	Response was vague and did not demonstrate a clear understanding of a renewable energy source and did not include details in their defence.	Did not complete
3	2	1	0