

# Energy Sources Project

**Task:** You will choose one of the 11 energy sources to research. You will present your findings in the form of an informational webpage on your ePortfolio. This page will live as a subpage of your Unit 3 Physics page.

## Topics to choose from:

Biomass  
Coal  
Geothermal

Hydropower  
Natural Gas  
Petroleum

Propane  
Solar  
Wind

Hydrogen  
Tidal

## Requirements:

- Title
- Describe your topic:
  - What is the history of your topic
  - Explain what it is
  - How it is used (provide an example).
  - Explain how/where it attained
  - How is it transported?
  - Identify the pros and cons of your topic. (cost? Availability? Etc)
  - Identify the impact on the environment
  - What is the local or global consumption of this source?
- Include at least 5 relevant photos
- Include at least 1 relevant video
- Use at least 3 good sources, identified in a *Sources* section at the bottom of your page. You must include the Title of the source, the date of publication and a working link.
- We will look at your finished project as a class. You will be expected to share your findings with the class.
- Please look at the rubric on back of page for detailed expectations on the mechanics of the project.

## Mini Deadlines:

Friday Jan 6: Choose topic, begin research

Monday Jan 9: Conduct research, find sources, find photos,

Tuesday Jan 10: Finish research. Assemble presentation. Be prepared to present by end of class or first thing Wednesday Jan 11.

**Due:** January 10, 2017 END OF CLASS

## Energy Sources Project Rubric

Name:

Topic:

Category	Exceeds expectations	Meets expectations	Approaching expectations	Does not meet expectations
<b>Content (10 marks)</b>	In-depth coverage of topic, topic is appropriate to assignment, strong basis in sound, research-based information, outstanding clarity	Good coverage of topic, topic is appropriate to assignment, basis in sound, research-based information, clear and understandable	Topic in adequately covered, topic is appropriate to assignment, not based on research-based information clear and understandable	Coverage of topic, topic is inappropriate to assignment, not based on research-based information, unclear and difficult to understand
<b>Presentation &amp; Webpage Layout (5 marks)</b>	Attractive, easy to interpret, pleasing colors with a high contrast, well-organized webpage with excellent use of bullets, graphics, tables, spacing and dividers which enhance the presentation of the content	Attractive, easy to interpret, pleasing colors with a good contrast, well-organized webpage and a good attempt to use bullets, graphics, tables, spacing and dividers which enhance the presentation of the content	Moderately attractive but difficult to interpret, pleasing colors with high contrast, but webpage layout is disorganized. Chosen presentation features detract from the content	Unattractive, difficult to interpret, poor color choice and contrast, presentation is unorganized, bullets, graphics, and other presentation features detract from the content
<b>Mechanics (5 marks)</b>	No misspellings or grammatical errors. Text is in student's own words.	Three or fewer misspellings and/or grammatical errors. Clear attempt to put text in own words.	Four misspellings and/or grammatical errors. Little attempt to put text in own words.	More than four misspellings and/or grammatical errors. Text is copy & pasted.
<b>Sources cited (5 marks)</b>	More than 3 sources are included in sources section. Sources are academic and reputable. Source title; publish date and working link included.	3 sources are included in sources section. Sources are academic and reputable. Source title; publish date and working link included.	1-2 sources are sited in the appropriate slide. Sources may not be academic or reputable Or source title; publish date and working link are not included.	No sources are cited.
<b>Pictures, Clip Art &amp; Video (5 marks)</b>	At least 5 appropriate image and at least 1 relevant video. Layout of images is pleasing to the eye.	5 appropriate images are included. Video is not included. Layout is cluttered.	1-4 images included. No video. Most images are appropriate/relevant.	No images

Total Mark: /30