

Alternative Energy Sources

Project Objective: You will research one alternative energy source: solar, wind, geothermal, tidal, hydroelectric, biomass, or other new energy source. The following site, <http://www.mnn.com/earth-matters/energy/photos/10-surprisingly-easy-sources-of-alternative-energy/unconventional-energy>, includes a list of 10 practical new sources of alternative energy (click on the photos).

Due Date: _____

Requirements: You will produce a **brochure**, a **PowerPoint presentation**, or an **essay** to create awareness about the importance of using alternative energy sources.

1. Research one type of *alternative energy source*. **As explained in class, the following information must be included in your project.** You may include other data that you find interesting.
 - **Introduction**
 - **What is an alternative energy source?**
 - **Why do we need them?**
 - **Name the types.**
 - **Describe the type your group was assigned.**
 - What are the **benefits/advantages (pros)** and **drawbacks/disadvantages (cons)** of this type of energy source.
 - Take a **defending position** on the future use of this source. Be **persuasive** as to its use.
 - List all sources used. (minimum of 4)
2. Projects handed in late will receive 5 points less for every day the project is handed in after the due date.
3. You will need to collect information from a **minimum of four** different and **reliable reference sources**. At least two must be books (excluding your textbook).
4. You will present your project in **one** of the following **formats**. **You must include the answers to the questions/statements above in all formats.**
 - **Brochure:** The requirements are on a separate sheet. Use diagrams, pictures, and/or drawings to enhance your presentation. Refer to page **R5** on your agenda.
The **rubric** is on the **back of this page**.
 - **Essay:** Use bullet points outlined from number 1 which is listed above.
 - **Power Point Presentation:**
 1. You must include a **minimum of 10 slides (print them out)** as follows:
 - **Slide 1:** The title, name of the author (you), and class.
 - **Slides 2 to 9:** Present the information. The information on the slides must be grammatically correct.
 - **Slide 10:** References (at the end). Refer to page **R5** on your agenda.
 2. Use diagrams, pictures, and/or animations to enhance your presentation.
 3. You must save and hand in the presentation on a flash/thumb/USB drive or DVD.
 4. You must also print and hand in a copy of the slides. The copy does not have to be in color and may be printed as *handouts* (6 per page).
 5. The **rubric** is on the **back of this page**.