Alternative Energies

Purpose: You will investigate various alternative energy sources using print and online sources. You will synthesize the information and present your findings to the class.

For this assignment you are going to be working in a small group presenting on alternative energy sources.

Requirements

Your presentation must answer the following questions:

1. What is your energy source?
2. How does it work?
3. What are the pros and cons of your energy source?
4. Should Morocco attempt to develop/implement this renewable energy source? OR, if Morocco already has this resource, should Morocco continue to develop this resource?
5. Assess the sustainability of this resource in Morocco

Energy Sources

1. Wave energy:
2. Solar energy:
3. Wind energy:
4. Nuclear energy:
5. Coal energy:
6. Hydroelectric energy:

My group's topic is:_____

Use this **Timeline** to help guide your work:

March 2 & 3 --Introduction to project, note-taking, and citing sources
March 4, 7 & 8 --Researching and Group work
March 11 & 14 --Prepare presentations
March 15 --**Presentations**

Researching and Group Work:

- Use the note-taking guide and Works Cited sheet
- You need to work on the same template in google docs, but should use different colors, so that we know who has contributed (Share with Ms. Bridge, Ms. Childs, and Ms. Netzel)
- Remember to include main ideas, key words and concepts

Presentation:

- Your group will present your findings to the rest of the class. Your presentation should not exceed three minutes.
- Your slideshow should contain graphics, pictures, bullet points of the information. Do not include everything you want to say, rather use it as a guide.
- Everyone should have equal speaking time- make sure you consider this when rehearsing.
- Your last slide should contain your 'Works Cited'

Alternative Energy Oral Presentation Rubric
Knowledge and Understanding: _____/7

Mark	Knowledge and Understanding of Subject Matter
7 - 6	● Student answers the following questions thoroughly: ○ What is your energy source? ○ How does it work? ○ What are the pros and cons of your energy source? ○ Should Morocco attempt to develop/implement this renewable energy source? OR, if Morocco already has this resource, should Morocco continue to develop this resource? ○ Assess the sustainability of this resource in Morocco ● Understands the subject in depth ○ Explanations and arguments are detailed and thorough ○ Student demonstrates a thorough understanding of the renewable energy technology, the impacts on the environment, and the uses of the technology for humans ● Explains main points thoroughly ○ Details and specifics about the energy, its generation, and its impact on the environment are included ○ Examples given to support arguments ● All main points have supporting arguments ● Graphs and statistics included in presentation ○ Arguments are fully supported by relevant facts/data ○ Graphs/infographics/charts included in presentation
5 - 4	● Student generally answers the following questions, with some errors and/or omissions: ○ What is your energy source? ○ How does it work? ○ What are the pros and cons of your energy source? ○ Should Morocco attempt to develop/implement this renewable energy source? OR, if Morocco already has this resource, should Morocco continue to develop this resource? ○ Assess the sustainability of this resource in Morocco ● Understands most of the main points but lacks depth in certain areas ○ Most explanations and arguments are generally detailed and thorough ○ Student demonstrates an understanding of the renewable energy technology, the impacts on the environment, and the uses of the technology for humans, with some errors and/or omissions ● Explains most of the main points ○ Some details and specifics about the energy, its generation, and its impact on the environment are included ○ Some examples given to support arguments ● Most of the main points have supporting arguments ● Some graphs and statistics are included in the presentation ○ Arguments are generally supported by relevant facts/data ○ Some graphs/infographics/charts included in presentation
3 - 2	● Student does not fully answer the following questions: ○ What is your energy source? ○ How does it work? ○ What are the pros and cons of your energy source? ○ Should Morocco attempt to develop/implement this renewable energy source? OR, if Morocco already has this resource, should Morocco continue to develop this resource? ○ Assess the sustainability of this resource in Morocco ● Some understanding of subject but lacks depth ○ Explanations and arguments lack some detail and thoroughness ○ Student demonstrates a partial understanding of the renewable energy technology, the impacts on the environment, and the uses of the technology for humans, with some errors and/or omissions ● Explains some of the main points ○ Limited details and specifics about the energy, its generation, and its impact on the environment are included ○ Some examples given to support arguments, but examples are often limited and/or superficial ● Minimal support of main points with arguments ● Limited use of graphs and statistics in presentation ○ Minimal support of arguments with relevant facts/data ○ Minimal use of graphs/infographics/charts in presentation
1 - 0	● The presentations does not reach a standard described by the descriptors.

Communication: _____/7

Mark	Organization of Presentation and Use of Language
7 - 6	● Presentation is very well organized and clearly demonstrates the main points and supporting arguments ● Visual aids lead to clarity and greater understanding ● Most information is delivered orally ● Language used is precise, scientific and specific ● All facts and images are appropriately referenced according to a standard referencing convention (MLA) ● “Works Cited” page present and complete
5 - 4	● Presentation is generally well organized, with some errors or omissions ● Visual aids generally lead to clarity and greater understanding ● Information is generally delivered orally ● Language used is generally precise and scientific, with some errors or omissions ● Most facts and images are appropriately referenced according to a standard referencing convention (MLA) ● “Works Cited” page present but incomplete
3 - 2	● Some evidence of organization, but presentation is scattered and difficult to follow ● Visual aids are present, but do not lead to clarity or further understanding ● Some information is delivered orally, but student relies heavily on visual text ● Language used is often imprecise unscientific ● Some facts and images are appropriately referenced according to a standard referencing convention (MLA) ● “Works Cited” page present but incomplete
1 - 0	● The presentation does not reach a standard described by the descriptors.

Groups

Nuclear Taizeen Luca Yassir	**Wind** Erik Safae	**Coal** Rania Fabrizio Ian
Hydro Leo * EK * Salma *	**Solar** Yara Jad Laura	**Wave** Abdu * Yassine * Jordon *

** Honor Choir Groups - missing 11 March*