

Name: _____

Date: _____

Project: Energy Resources in Saskatchewan

Background

Saskatchewan has a rapidly growing population. To meet the increasing demands for electricity in the province, SaskPower has decided they want to expand their current power generating system. As stakeholders, you and your associates want to put in a proposal for a specific type of energy that you feel is best for the province. You have a short deadline (the proposals are due in two days), but you know it is important that you have your say!

Proposal Requirements

As a group, you will present your proposal to the other stakeholders and a representative from SaskPower (Ms. Hayduk). Your proposal presentation must:

1. Be 5-10 minutes in length, and everyone in your group must speak (no exceptions)
2. Contain information on:
 - a. How electricity is generated from your system;
 - b. Why is this system the best? (Consider factors like cost to build and run, environment, ease of installation, lifespan of technology, safety, reliability, power output, etc.)
 - c. Are there any potential issues with this type of energy?
 - d. Any similar systems operating elsewhere in Canada or other places in the world
 - e. Why is this the best option for Saskatchewan?
3. Be interesting and engaging, WITHOUT READING FROM NOTES!!
4. You can use any style of presentation (PowerPoint, video, poster board, etc.) as long as your classmates understand what you are teaching!

Topics

My group is proposing:

Solar energy	Nuclear	Oil and gas
Hydroelectric energy	Coal	Wind energy
Biomass		

Other Points

- Each person in your group MUST speak during the presentation for at least one minute. It is probably best to divide your topic into sections and have each person do their own research, and then come together as a group to practice and put it together.
- Some parts of the project will be marked all together, and others will be graded individually.
- You do not have very long to put this presentation together. Use your time WELL – you will probably want to do a little extra research at home!

Criteria	Great (5)	Good (4)	Average (3)	Poor (2)	Missing (0)
Description of Electrical Energy Source Illustrate and describe the transfer and conversion of energy from a typical generating station to a home in Saskatchewan.					
Application of Scientific Knowledge Describe scientific, technological, societal and environmental perspectives related to a large-scale method of electrical energy generation in Saskatchewan.					
Analysis and Conclusion Evaluate evidence and source information related to a method of electrical energy production in Saskatchewan.					
Knowledge Student clearly has a good understanding of the content and can explain using scientific, grade-level language.					
Quality of Presentation Student presents content in a logical order and gives enough detail to sufficiently explain the project. Student can present information without reading.					
Professionalism and Communication Student can communicate clearly and effectively by speaking loud enough, at a reasonable pace and by making eye contact.					