

Name: _____

Block: _____

Energy sources

Select one of the energy sources from the Energy Sources Slideshow to learn more about:

Questions I have about my energy source:

Use the Internet and other available resources to research the following questions.

1. What is your energy source used for?
2. What energy transformations are involved from source to use?
3. What is the role of the energy source in B.C.? Is it found in B.C.? Is it used in B.C.?
4. What are the economic and environmental impacts of your energy source?
 - Is the energy source renewable or non-renewable?
 - How does production affect the environment?
 - How is the land, air, wildlife or water affected?
 - How does the use affect the environment?
 - How do the costs compare to other energy sources?
 - How many jobs does it provide?
5. Select one of your questions from the box above to include in your research: _____

Record your sources and summarize your findings for the five questions in your Science notebook or in a digital format. Use the Website Evaluation Guide to evaluate Internet sources.

Reflection

Think about what you've learned about the different sources of energy, based on your own research and discussions in your group.

What do you think are some of the impacts of using energy?

How might we reduce the environmental impact of using energy?



Core competencies

This is a good opportunity to reflect on the following core competencies (communication, critical thinking and social responsibility). Provide a specific example to show how you are working on that competency.

Core competency	Example
<p>Communication</p> <ul style="list-style-type: none">• I am an active listener; I support and encourage the person speaking.• I recognize there are different points-of-view and I can disagree respectfully.• I present information clearly and in an organized way.	
<p>Critical thinking</p> <ul style="list-style-type: none">• I can ask open-ended questions and gather information.• I can analyze evidence from different perspectives.• I can evaluate the credibility of sources of information.	
<p>Social responsibility</p> <ul style="list-style-type: none">• I can identify how my actions and the actions of others affect my community and the natural environment and can work to make positive change.	

