

Grade 9 Science - Ecological Balance Research Assignment

Name: _____

Due Date: _____

You will research a company and an issue that has had a negative effect on the environment. Ideally, this company would be trying to improve its practices. Another important aspect of this assignment is to connect at least one of The Seven Grandfather Teachings to the issue. For example, perhaps a company was not honest about its disposal practices of toxic chemicals in the past, but has now made public its sustainable process. The teachings to choose from are: Honesty, Truth, Humility, Love, Wisdom, Courage, and Respect.

Write a 2 page (700-800 words) report on the industry or company you select.

Use the following as subheadings in your report:

1. The name and a description of the company or industry
2. How the company is dependent on the environment
3. Three ways the company affects the local ecosystem
4. Three possible solutions they could use to reduce their effect.
5. Example List of potential companies: Power plants (Coal, Hydro, Nuclear), Tourism in National Parks (e.g. Banff, Algonquin etc.). Farming, Oil companies in Alberta, Other approved ideas – (discuss with your teacher)

Note: Remember that all sources must be referenced and direct quotes must be cited in the text.

Rubric

<u>Criteria</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>	<u>Total Marks</u>
Introduction	Absent	Little information	Most information	Excellent Information, and additional details provided	/2
Connection to Seven Grandfather Teaching	Absent	Somewhat complete and little researched	Complete and Well Researched	Complete and excellent researched	/5
How the issue impacts the ecosystem	Absent, brief	Somewhat complete and little researched	Complete and Well Researched	Complete and excellent Researched	/5
How could the issue be resolved?	Absent, brief	Somewhat complete and little researched	Complete and Well Researched	Complete and excellent Researched	/5
Conclusion	Absent	Some attempt to conclud	Good conclusion and restates thesis	Excellent conclusion and restates thesis	/5
References	Not cited	Some attempt	Most	All proper	/3
Comments:					/25