

MULTICULTURAL LESSON PLAN: Environment and you

GRADE: 7

DISCIPLINE: Science/Environmental Studies

MINISTRY OF EDUCATION EXPECTATIONS: By the end of Grade 7, students will:

- identify the factors that must be considered in making informed decisions about land use (e.g., environmental impact, jobs, present and future values of natural resources);
- investigate some of the ways in which humans have altered the landscape to meet their needs (e.g., farming, urban development, roads) and assess the environmental and economic consequences;
- identify earth resources used by humans to manufacture products (e.g., iron ore is used to make steel products) and discuss what happens to the products when they are no longer useful.

MULTICULTURAL MESSAGE: The teacher will show that environmental concerns are important for people of all countries in the world.

ACTIVITY:

Preparations:

- 1) Give vocabulary as homework before class or do in-class.
- 2) Elicit vocab meaning in class.
- 3) Put students into pairs/groups for discussion.
- 4) Assign questions for written homework.
- 5) The Pair Eco-Project can be done in-class or for homework, and can also be done individually. They can be presented to group next class.

The Environment and You!

Vocabulary

**recycling pollution waste smog garbage solar power overpopulation
acid rain greenhouse effect CO2 emissions alternative energy
environment ecology drought flood famine weather change**

- 1) What are some environmental dangers to our global environment?
- 2) Which of these do you think are the most serious threats to the Earth? Make a list.
- 3) What can we do about them?
- 4) What are some serious environmental problems in Canada?
- 5) Are Canadians concerned about environmental dangers?
- 6) What do you think you can do to help prevent further environmental damage?
- 7) What are local environmental problems in your city?
- 8) What kind of problems can environmental damage lead to?

Pair Eco-Project:

With your partner, plan a project that would be helpful to the environment. (For example, a new kind of energy source, pollution control, recycling systems) Be ready to present your project to the class next time!

Discussion: Teacher acts as moderator and reviews concepts raised by discussion questions.

EVALUATION: Formal marks can be given for student project and written assignments.

