
Waste Not, Want Not



curriculum links

Grade 5:

- ◆ Canada and World Connections:
Aspects of Citizenship and Government in Canada
- ◆ Understanding Earth and Space Systems:
Conservation of Energy and Resources



overview

At this activity centre, students will discuss waste diversion options, including reducing, reusing, recycling, and composting. Students will sort items to be recycled, reused, and composted, while learning how proper disposal of waste materials protects the groundwater beneath the landfill.

grade 5 expectations

Social Studies

Canada and World Connections: Aspects of Citizenship and Government in Canada

Overall Expectations

- ◆ summarize the structures, functions, and interactions of Canada's federal, provincial/territorial, and municipal governments, and identify and describe significant Canadian symbols, ceremonies, buildings, and political figures;
- ◆ use a variety of resources and tools to gather and analyse information about government processes, the rights of groups and individuals, and the responsibilities of citizenship in Canada, including participation in the electoral process;
- ◆ identify concrete examples of how government plays a role in contemporary society and of how the rights of groups and individuals and the responsibilities of citizenship apply to their own lives.

Specific Expectations

Knowledge and Understanding

- ◆ identify services provided by the federal, provincial/territorial, and municipal governments.

Inquiry/Research and Communication Skills

- ◆ use appropriate vocabulary to describe their observations.

Application



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- ◆ model activities and processes of responsible citizenship.

Science and Technology

Understanding Earth and Space Systems: Conservation of Energy and Resources

Overall Expectations

- ◆ analyse the immediate and long-term effects of energy and resource use on society and the environment, and evaluate options for conserving energy and resources;
- ◆ investigate energy transformation and conservation;
- ◆ demonstrate an understanding of the various forms and sources of energy and the ways in which energy can be transformed and conserved.

Specific Expectations

Relating Science and Technology to Society and the Environment

- ◆ analyse the long-term impacts on society and the environment of human uses of energy and natural resources, and suggest ways to reduce these impacts;
- ◆ evaluate the effects of various technologies on energy consumption, and propose ways in which individuals can improve energy conservation.

Developing Investigation and Communication Skills

use scientific inquiry/research skills to investigate issues related to energy and resource conservation;

use appropriate science and technology vocabulary, including *energy*, *heat*, *light*, *sound*, *electrical*, *mechanical*, and *chemical*, in oral communication.

Understanding Basic Concepts

- ◆ identify renewable and non-renewable sources of energy.

key terms

Natural Resources - Natural resource is a substance found in nature that is valuable to humans (such as minerals, water, land, forests, air and renewable energy).

Water Conservation - The use of water saving methods to reduce the amount of water needed for homes, lawns, farming and industry and thus increasing water supplies for optimum long-term economic and social benefits.

