

LITTERACY

A grade 5 science EcoKit about waste reduction



This curriculum linked environmental education EcoKit encourages grade 5 students to examine where waste comes from, where it goes and what we can do to reduce the amount of waste that we produce.

Highlights of this EcoKit:

- ✓ Five 50-minute lesson plans plus a Class Action! activity
- ✓ Contains all materials, including a teacher resource binder, student worksheet package, and all hands-on activity supplies
- ✓ Activities include: Learning about garbage and composting, an analysis of packaging, waste audit, and recycled paper making
- ✓ Easy to order for a 2-week borrowing period
- ✓ Free shipping available

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Purpose

Students explore where waste comes from and where it goes when we're done with it. This program encourages students to examine their personal habits and take Class Action! to make purposeful changes in their own lifestyle habits.

Curriculum Links

Grade 5 Science

Conservation of Energy and Resources

Overall Expectations

1. 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.

Specific Expectations

1.1 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 (*e.g., turning off the faucet while brushing teeth or washing and rinsing dishes conserves water, reusing or recycling products, or using fewer products, conserves natural resources and energy*)

Lesson 1: Garbage and the 6R's

1. Introduction: What is garbage? (15 minutes)
2. The 6R's: Ways to reduce waste *dramatic role play* (30 minutes)
3. Exit ticket (5 minutes)

Lesson 2: Composting!

1. All about compost (15 minutes)
2. The vermicompost challenge (10 minutes)
3. Build your own 'worm' bin (25 minutes)

Lesson 3: Packaging Analysis

1. Pre-activity discussion (15 minutes)
2. Packaging activity (20 minutes)
3. Discussion & conclusion (15 minutes)

Lesson 4: Waste Audit

1. Waste Audit (30 minutes)
2. Class action (brainstorming) (20 minutes)

Lesson 5: Making Recycled Paper

1. Making the paper
2. It must dry for at least 24 hours before you can use it.

***Note: this activity requires preparation before-hand**

Lesson 6: Class Action!

Your choice of a Class Action! culminating activity