

Grade 5 Science EcoKit on Waste Reduction

LITTER-ACY



THE ECKIT

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 we produce.



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Highlights:

- Five 50-minute lesson plans plus a Class Action activity
- Contains teacher resource binder, student worksheet package, and all hands-on activity supplies
- Students will learn 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

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 life.

Curriculum Links

Grade 5 Science; Conservation of Energy and Resources

Expectations

1. Analyze the immediate and long-term effects of energy and resource use on society and the environment, and evaluate options for conserving energy and resources.

1.1. Analyze the long-term impacts on society and the environment of human uses of energy and natural resources, and suggest ways to reduce these impacts (i.e., 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).

Highlights:

Lesson 1: Garbage and the 6R's

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

Lesson 2: Composting

1. Introduction: 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

Note: The paper must dry for at least 24 hours before students can use it. This activity also requires preparation before-hand.

Lesson 6: Class Action

Your choice of a Class Action culminating activity.