

# FUN & GAMES

**ENVIRONMENTAL JEOPARDY** (3-8) (45– 1 hour) (Science/Social Science)  
Your classroom can engage in this fun and educational environmental answer-question format game. Teams compete to test their environmental awareness by answering questions from different environmental categories. \*Eco-friendly prizes awarded to winners!

**ENVIRONMENTAL BINGO** (K-5) (45– 1 hour) (Science/Social Science) Students will enjoy an environmental spin to this classic favorite. \*Eco-friendly prizes awarded to winners!

**MUSICAL TRASH** (K-5) (45– 1 hour) (Science/Social Science) Totally fun, interactive, and educational! Each student becomes a type of trash in a hysterical game of musical chairs. Those that are “out” of the game go into the trash can. At the end of the game, students will try to decide if they can be recycled, reused, or left in the trash can to be hauled to the landfill.

# TRASH TO TREASURE

Explore the benefits and fun of creatively keeping materials from our landfills! Through reuse, everyday items can be transformed into unique and educational crafts. **These trash to treasure activities are suitable for all ages** and are made using items that might have been tossed in the trash.

**FLAT STANLEY PROJECT** (See [www.flatstanley.com](http://www.flatstanley.com) for program details)( 45 min). Students prepare Flat Stanley for his travels by making a “travel kit” from discarded VCR tape cases and travel journals from recycled paper.

**KALEIDOSCOPE EYES** (1 hour) Students construct working kaleidoscopes from Gatorade bottles, microscope slides, and a variety of found objects. This unique craft project is the ultimate trash to treasure experience and can be used with a number of cross curricular activities.

**BUBBLE PAINTING** (30 min.) Paint a bookmark (die-cut from scrap paper) with bubbles! Students blow into a colorful bubble solution to create a unique place marker for their books.

**SNOW GLOBES** (30 min.) Turn baby food jars into treasures with this make and take craft. Using jars, glitter, trinkets, and water, students can make their very own snow globe for any holiday or special occasion.

**BIRDSEED TREASURE BOTTLES** (30 min.) Students transform plastic water bottles into a fun “I spy” game using birdseed and small trinkets. This can be done using themes, too (alphabet, numbers, nature, etc...)

**WALL PAPER/FOOD BOX JOURNALS** (30 min.) Students use wallpaper samples, food boxes, and paper bound for the recycling bin to make unique journals that can be used throughout the year to record data, write stories, or draw sketches.

**ENVIRONMENTAL EDUCATION.  
IT'S GOOD FOR THE STUDENT.  
IT'S GOOD FOR THE CLASS.  
IT'S GOOD FOR THE EARTH.**

# Environmental Education Program Guide

## 2008-2009



**JOHNSON COUNTY SOLID WASTE  
MANAGEMENT DISTRICT**

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# WHAT IS JCSWMD?

The **Johnson County Solid Waste Management District (JCSWMD)** is a government entity created by statute in 1992 to develop a management plan for solid waste in Johnson County, Indiana. The district has since developed a strong environmental education program available to students in Johnson County. **These presentations are FREE and are brought into your classroom.** They are designed to be fun and interactive educational experiences for your students. Make your selection from this Program Guide or request a program customized to fit specific educational requirements. The District office also has a variety of environmental books, videos, and activities available for loan.

## RECYCLING UNRAVELED

Interested in educating your class on the importance of recycling, but don't have time for a full-length program? Each of these short, 10 minute videos teach about the various aspects of the recycling process and can be viewed in your classroom with your school's VCR or DVD player.

- **“From Bottles to Benches”**– Follow a Franklin 3rd grader in her quest to replace the city's dilapidated wooden benches with benches made from recycled plastic bottles. (DVD Only)
- **“PET Plastic Recycling: The #1 Success Story”** Track the plastic recycling process of #1 PET plastic. You might be surprised by the consumer products that are made from recycled plastic. (DVD or VHS)
- **“The Coolest Can”** An entertaining and educational look at the aluminum can making industry and recycling process. Includes the coolest way to smash a can instruction. (VHS and DVD)
- **“Abitibi Paper Retriever Recycling”** Your school recycles paper, but what happens to the paper once it leaves the parking lot? Learn how recycled paper is turned into new paper. (VHS and DVD)

## EDUCATOR CONTACT INFO

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# ENVIRONMENTAL PROGRAMS

**EARTH COOKIE (K-2)** (35 min.)(Social Science/Science/Math) This activity helps students develop an appreciation for the limited amount of farmland available on the planet, and explains how personal decisions and actions can protect the remaining farmland. Students will decorate a pizza sized cookie that represents the basic geographic layout of the earth. The group will eat a “piece of the earth” when the project is complete.

**LANDFILL COOKIE (3-6)** (45 min) (Science/Math/Social Science) What goes into our garbage each day? Students become garbologists to fill a “landfill” cookie with edible “trash” using percentages to identify the different kinds garbage going into landfills. This activity develops an awareness of the waste stream and emphasizes the importance of wise personal decisions and the 3 R's. Once complete, students share the tasty treat.

**THE THREE R'S (K-3)** (35 min)(Social Science/Math/ Science) Students will learn the importance and concept behind the Reduce, Reuse, Recycle message. Games, samples, and demonstrations are used. A classic.

**SQUIRMY WORMY VERMICOMPOSTING (K-5)** (45 min.) (Science/Social Science) Worms can eat our garbage! Learn red worm anatomy, how to build a worm composting bin, and vermi-composting basics. Students will get to touch and examine worms under magnifiers to find out exactly how a worm squirms!

**WHO POLLUTED THE RIVER? (K-8)**(45 min.) (Science/Social Sciences/ Language/Arts/Geography/Health) Through an interactive story, students experience the pollution of a river over time and propose methods to clean up and protect the river from current and future pollution.

**COFFEE CAN PAPER MAKING (3-8)** (45 min.)(Science/Social Science) Students will tear, blend, and press old paper to understand the process of recycling. Using coffee cans, cookie cutters and screens each student will make his own piece of recycled paper. Great hands-on learning activity.

**ENVIRO-SURVIVOR (5-adult)** (3-4 hours-divided as you like) (Community/ Science/Social Studies) Out reduce, out reuse, out recycle in a reality game of environmental survival. Students form tribes and go through mental and physical challenges related to caring for their “island paradise”. Each participant receives a logo bandana. Cool recycled-content prizes are awarded to all participants.