

# *Recycling: it's for their future.*

A Teacher's Guide to recycling in the classroom plus free activities available from the Baton Rouge Recycling Office



**This teacher resource guide is sponsored by  
City of Baton Rouge, Parish of East Baton Rouge,  
East Baton Rouge Parish Recycling Office and Recycling Foundation of Baton Rouge**

**Baton Rouge is recycling, now more than ever, and it's so easy! Just toss everything into the convenient large cart and roll it to the curb for your weekly pickup.**

Call 225.925.3442 and the Recycling Foundation will deliver a cart to you.

### **What goes inside the recycling cart**

You do not bag recyclables. Place them loose in the cart.  
You do not need to separate items.

#### **CARTONS**

juice, milk and cream boxes and cartons (rinse), cereal and cracker boxes (remove liners)

**NO waxy frozen food packaging, take-out food containers, pizza boxes**

#### **GLASS**

clear, brown and green beverage bottles and food jars (empty & rinse)

**NO light bulbs, mirrors, window glass, drinking glasses, ceramics, Pyrex**

#### **METAL**

aluminum, tin and metal alloy beverage, food and pet food cans, metal lids (empty and rinse)

**NO aerosol cans, wire hangers, aluminum foil, pie pans, non-food metal containers**

#### **PAPER**

junk mail, coupons, white or colored paper, gift wrap, envelopes, paper grocery bags, shopping bags (remove handles), catalogs, magazines, newspapers and inserts (remove rubber bands and plastic bags, do not tie up newspapers), paperback books, telephone books, shredded paper

**NO food soiled paper, photos, hard cover books, carbon paper, newspaper delivery bags or rubber bands**

#### **CARDBOARD**

corrugated and paperboard boxes, 6, 12 and 24-pack drink cartons (flattened), paper egg cartons, shoe boxes

**NO pizza boxes, plastic or foam packing material, waxed cardboard or boxes with plastic or foil linings**



#### **PLASTIC**

plastic with #1 through #7 inside the triangular shaped recycling symbol, beverage bottles, food containers (rinse), detergent bottles, shampoo bottles, prescription bottles, baby wipe containers, household cleaner and bleach bottles (empty and rinse), flower pots, buckets (5-gallon or less, remove metal handles) **NO plastic bags, hangers, toys, 6-pack rings, chemical containers, packing materials, plastic wrap, Styrofoam**

**Be smart! Put it in the cart!**

*Rosie the Recycler*

**NO plastic bags, household garbage, yard trimmings or woody waste, building materials, automobile/trailer or bike tires, household or hazardous waste (electronics, batteries, paint, chemicals, oil or oil filters), soiled papers (diapers, tissues, paper towels, paper plates, napkins, pizza boxes), Styrofoam**



## Section 1 Environmental Education

This booklet is designed to help teachers, students, peer tutors, and youth leaders educate members of our community about recycling and related environmental topics. The materials listed below may be checked out by teachers in East Baton Rouge parish for a two-week to one-month period. Check out forms are available at The EBRP Recycling Office at 805 St. Louis Street.

Call the office ahead of time to arrange for a time to come by and check out materials at (225) 389-5194.

According to the Louisiana State Science Benchmarks, "Environmental Education is a process aimed at the development of a literate citizenry that shows concern for the total environment and its associated problems. This goal will be met by developing the knowledge, attitudes, motivation, commitment and skills to work individually and collectively toward the solutions of current problems and the prevention of new ones." The resources in this booklet are intended to provide aid in teaching these processes.

Sections 2 through 8 of this booklet outline recycling and environmental resources available at the EBRP Recycling Office that include:

-  complete lesson plans
-  books
-  videos
-  tours
-  recycling resource box
-  internet links
-  other environmental resources

## Section 2 Lesson Plans for Loan

### 1-An Ounce of Prevention

*Lal, Crystal, et al.; The National Science Teachers Association and Dow Chemical Company*

**Grade Level: 5-8**

**88 Pages including Student Activities**

Super resource with science curriculum. Easy-to-do activities provide information on garbage, waste reduction, packaging, household hazardous material, and life cycles.

### 2-Browning Ferris Industries: MOBIUS Curriculum: Understanding the Waste Cycle.

*A Recycling and Environmental Education Curriculum for Grades 4-6. Third Edition, Browning Ferris Industries*

**Grade Level: 4-6**

Excellent lessons and activities designed to help teach students current information for managing the waste stream. Integrated

Cartoon curriculum includes recycling, landfills, and fun ideas for teaching waste management.

### 3-Composting: Mother Nature's Recipe Teacher/Leader Guide

*Sklar, Susan Howard; East Baton Rouge Parish Recycling Office*

**Grade Level K-12**

Activities and lesson plans to learn about composting.

### 4-Drinking Water Activities for Students, Teachers, and Parents.

*U.S. E.P.A. EPA 810-B-99-002*

**Grade Level K-12**

**Curriculum is divided into grades K-3, 4-7,8-12.**

Materials will provide additional information and classroom activities to teach about drinking water.

### 5-Educators Earth Day Sourcebook

*U.S.E.P.A. Office of the Administrator 20Z-1004*

**Grade Level 7-12**

Resources for educators with ideas about activities for actions each person can take to help in preventing pollution.



## 6-Earth Day Lesson Plans and Home Surveys

*Holm-Shuett, Amy and Greg Shuett; San Francisco, CA: Earth Day Resources*

**Grade Level: 7-12**

**39 Pages**

Provides educators with lessons on water, toxics, energy, transportation, solid waste and recycling. Endorsed by the American Federation of Teachers (AFT), the National Education Association (NEA) and the National Association of State Boards of Education.

## 7-Rex and Regina: The Recycling Robots Present A Lesson for Living

*A Recycling Curriculum Guide produced by the Louisiana Department of Natural Resources and Environmental Quality*

**Grade Level: 4-8**

Variety of classroom activities about garbage, recycling and reuse created for Louisiana students by Louisiana environmentalists.

## 8-Rot Happens! A Recycling/Composting Activity Kit for Teachers

*Parish of Ascension; Tommy Martinez, Parish President*

**Grade Level: 4-8**

Activities include Rot Happens!, Garbage Pizza, Where is Away, Lets Make Paper and many other hands-on classroom exercises.

## 9-Turning the Tide on Trash: A Learning Guide to Marine Debris

*U.S.E.P.A. EPA842-B-92-003*

**Grade Level: 4-7**

**78 pages**

Instructional manual for teachers includes information about marine pollution and solutions to pollution.

## 10-Waste Wise Concepts in Waste Management: A Resource Guide for Teachers Using Concepts of Critical Thinking and Decision Making

*Heimlich, Joe; Washington D.C.: The Aseptic Packaging Council*

**Grade Level: 6-8**

**40 pages**

Twenty-four waste management activities that include background information, student handouts, quick references, objectives, methods, materials procedures and "going further" activities.

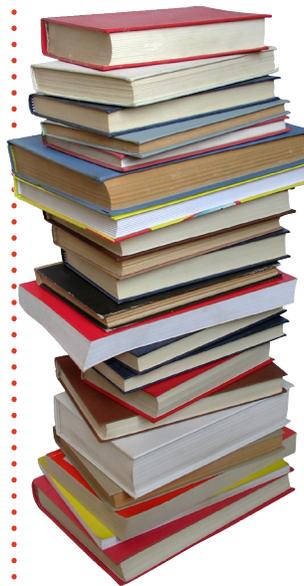
## 11-Worms Eat Our Garbage: Classroom Activities for a Better Environment

*Appelhof, Mary, Mary Frances Fenton, and Barbara Loss Harris; Kalamazoo, MI: Flower Press*

**Grade Level: 4-12**

**214 pages**

Everything needed in a worm curriculum. Can be used at home, school and outdoor centers. Activities are both fun and educational.



**Section 3  
Books  
Available  
for Loan to  
Teachers in  
East Baton  
Rouge Parish**

## 12-Backyard Composting: Your Complete Guide to Recycling Yard Clippings.

*Roulac, John W.; Ojai, CA; Harmonious Press*

**Grade Level: 7-12**

**96 Pages**

Discusses all types of compost bin designs and the maintenance of bins.

## 13-Embracing the Earth

*Harris, D. Mark; Chicago, IL: The Noble Press*

**Grade Level: 8-12**

**162 pages**

Sourcebook that shows how actions individuals take every day will help to make our Earth a more environmentally sound planet.

## 14-50 Simple Things You Can Do to Save the Earth

*The Earth Works Group; Berkley, CA: Earthworks Press*

**Grade Level: 6-12**

**96 Pages**

Provides practical advice and practices on personal environmental responsibility, resource reduction and recycling.

## 15-50 Simple Things Your Business Can Do to Save the Earth

*The Earth Works Group. Berkley, CA: Earthworks Press*

**Grade Level: 6-12**

**120 Pages**

Provides practical advice and practices on business recycling.

## 16-The Green Reader Essays Toward a Sustainable Society.

*Edited by Andrew Dobson; San Francisco, CA Mercury House Inc.*

**Grade level: 10-12, College**

**280 pages**

A treasury of essays by environmental contributors.

## 17-Going Green: A Kids Handbook to Saving the Planet

*Elkington, John, et al.; New York, NY: Puffin Books:*

**Grade Level: 7-10**

**109 Pages**

Amazing facts, simple projects and tips on waste reduction, recycling, and reuse.

## 18-Homemade Money: How to Save Energy and Dollars in Your Home

*Heede, Richard, et al. Amherst, NH: Brick House Publishing Company*

**Grade Level: 8-12**

**258 pages**

This book contains hundreds of projects to make your home more resource efficient.

## 19-Let's Talk Trash

*McQueen, Kelly and David Fassler; Burlington, VT: Waterfront Books*

**Grade Level: K-3**

**159 Pages**

This wonderful black and white book includes questions and drawings created by children about trash and recycling. These are real questions, answers and drawings created by children who are aware of environmental issues.

## 20-Mister Rumples Recycles

*Coltharpe, Barbara Anne; Baton Rouge, LA: Hyacinth House*

**Grade Level: Pre-K - K**

Mr. "Grumpy" Rumples teaches children about compost, balance, and recycling. This is a delightful story that is fun to read aloud.

## 21-The Official Earth Day Guide to Planet Repair

*Hayes, Denis. Washington, D.C.: Island Press*

**Grade Level: 7-12**

**182 Pages**

Great resource on a variety of environmental issues.

## 22-Paper By Kids

*Grummer, Arnold; New York, NY: Dillon Press*

**Grade Level 4-8**

**105 pages**

How to make various types of paper from recycled material.

## 23-The Rainstick - A Fable

*Robinson, Sandra Chisholm; Helena, MT: Falcon Press Publishing Corp.*

**Grade Level: 4-6**

**40 pages**

Storybook filled with myths, traditions and riddles about rainsticks (full-color illustrations).

## 24-Recycle! A Handbook for Kids.

*Gibbons, Gail; New York: Little, Brown and Company*

**Grade Level: 2-3**

**28 pages**

Colorfully illustrated book that describes recycling in a way young students can comprehend.

## 25-The Solution to Pollution: 101 Things You Can Do To Clean Up Your Environment

*Sombke, Laurence; New York, NY: MasterMedia Limited*

**Grade Level: 8-12**

**115 Pages**

Learn hundreds of ways to reduce waste and pollution at home, in the backyard, and at the supermarket.

## 26-Ten Easy Ways to Buy Recycled: A Smart Shopper's Guide to Closing the Loop

Makower, Joel; Sacramento, CA: California Department of Conservation

**Grade Level: 7-12**

Explains how recycling can be an engine for economic growth as well as resource conservation when people buy recycled products.

## 27-Tin Can Papermaking – Recycle for Earth and Art

Grummer, Arnold; Milwaukee, WI: Greg Markim Inc.

**For Instructors**

**80 pages**

Instructional manual for teachers for making recycled papers and art from old newsprint.

## 28-Who Cares? I Do

Leaf, Munro; New York, NY: J.B. Lippincott Company

**Grade Level: 1-3**

**40 pages**

Black and white photos and cartoon drawings make this an eye opener about litter prevention.

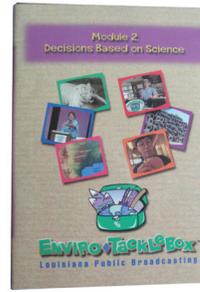
## 29- 50 Simple Things Kids Can Do to Save the Earth

Java, John & The Earth Works Group. New York, NY: Universal Press Syndicate Company

**Grade Level: 6-12**

**120 Pages**

Explains how specific things in a child's environment are connected to the world and how individual habits and projects can improve the environment.



## Section 4 Video for Loan

## 30-Louisiana Public Broadcasting Enviro-Tacklebox

Fast paced, student-focused lessons featuring: Tackle Trash; A zoo view; Extreme Weather; Your Burger and the World

For additional information visit

[www.envirotacklebox.org](http://www.envirotacklebox.org)

## Section 5 Tours Available to the Public

## 31-Louisiana Wetlands: A Field Trip Guide

By: Doug Daigle and Paul Davidson

This reference guide provides information about tours to: Alligator Bayou, Atchafalaya National Wildlife Refuge, Bayou Sauvage National Wildlife Refuge, Mary Brown Preserve, Cypress Island Preserve, Fairview Riverside State Park, Fontainebleau State Park, Grand Cote/Lake Ophelia National Wildlife Refuge, Henderson Swamp, Jean Lafitte National Park and Preserve, Lake Fosse Pointe State Park, Turtle Cove Environmental Research Station, White Kitchen Preserve, Honey Island Swamp, and Pearl River Wildlife Management Area.

## 32-Recycling Foundation

7923 Tom Dr.

Baton Rouge, LA 70806

Call (225) 925-3442 to arrange tours

Students can visit the education center and observe the sorting process with live feed cameras. The educational presentation will take the students through the entire recyclable recovery process from unloading the trucks, to separation, baling, shipping and marketing the recyclables.





## Section 6 Resource Recycling Presentation

You can have someone from the East Baton Rouge recycling Office visit your class room and do a hands on presentation

about recycling and the products that can be made from recycled materials.

The East Baton Rouge Parish Recycling Office has a recycling resource box that contains materials that are made from recycled products or recyclable products or a combination of the two. If your students want a hands-on experience with recycled goods, this is a great “show and tell”.

The box contains:

- One brick of 500 recycled aluminum cans.
- Pre-formed plastic soft drink bottles
- A doormat made from recycled tires
- A notebook made from recycled paper
- A greeting card made from recycled paper
- A ruler made from recycled plastic soft drink bottles
- A piece of plastic lumber made from recycled milk and detergent bottles
- A glass bottle made from recycled glass
- A steel can that can be recycled into car parts
- A cereal box made from recycled newspaper, mixed paper and boxboard
- Carpet samples made from soft drink bottles

## Section 7 Internet Sites

**U. S. Environmental Protection Agency (EPA)**  
[www.epa.gov](http://www.epa.gov)

This site contains all information the EPA posts. A resource for students of all ages.

**U.S.E.P.A. Kids Pages**  
[www.epa.gov/students/](http://www.epa.gov/students/)

This site contains fun environmental activities for middle school students.

**Louisiana Department of Environmental Quality (DEQ)**

[www.deq.state.la.us/](http://www.deq.state.la.us/)

The official Louisiana environmental quality web site.

**East Baton Rouge Parish Recycling Office**  
[www.brgov.com/recycle](http://www.brgov.com/recycle)

This is our site. It contains all the information you need about Recycling in East Baton Rouge Parish. Contains information about curbside recycling and special projects and educational activities.

**America Recycles Day**  
[www.americarecyclesday.org/](http://www.americarecyclesday.org/)

This is the official site of America Recycles Day – November 15th of each year. Students can sign pledge cards to recycle.

**Discover Magazine**  
[www.discovermagazine.com/](http://www.discovermagazine.com/)

This site contains a variety of scientific information. Geared to high school students.

**A to Z Teacher Stuff –The Environment**  
[www.atozteacherstuff.com](http://www.atozteacherstuff.com)

This site contains lesson plans on the environment and many other topics.

**Louisiana Earth Day – [www.laearthday.org](http://www.laearthday.org)**

The South’s largest environmental education festival is held in April in downtown Baton Rouge. The event features a day of exhibits, food, music and entertainment.

**Keep Baton Rouge Beautiful – [www.kbrb.org](http://www.kbrb.org)**

This group is the principal anti-litter organization in the Greater Baton Rouge area.

**Hilltop Arboretum – [www.lsu.edu/hilltop](http://www.lsu.edu/hilltop)**

Where people experience and learn about nature, plants and the Louisiana landscape.

**Louisiana Environmental Education Commission – [www.wlf.la.gov/environmental-education-commission](http://www.wlf.la.gov/environmental-education-commission)**

The official web site for the Louisiana Environmental Education Commission



## Section 8 Green Guide

**Going Green in Red Stick** – A Baton Rouge Green Guide packed with local and national resources on living green. Download at [www.brgov.com/recycle/greenguide.htm](http://www.brgov.com/recycle/greenguide.htm). Printed copies are available for East Baton Rouge Teachers. Contact the East Baton Rouge Recycling Office at [recycling@brgov.com](mailto:recycling@brgov.com) or **225-389-5194**

## Section 9 Special Programs

### Waste In Place Workshop Available to Teachers

Sponsored by KEEP BATON ROUGE BEAUTIFUL

Contact: Gwen Emick,

Executive Director Keep Baton Rouge Beautiful

Phone: 225-381-0860

Email: emick4349@att.net

#### Grades K-6

Six-hour workshop that also includes a 132 page Waste in Place Lesson Plan Guide for each participant. This is an excellent resource with an overview of effective solid waste handling practices. Waste In Place applies an integrated approach to the management of municipal solid waste. This guide includes fun to do interactive hands-on lessons.

[www.kbrb.org](http://www.kbrb.org) and [www.facebook.com/KeepBatonRougeBeautiful](http://www.facebook.com/KeepBatonRougeBeautiful)

### Annual Louisiana Environmental Education Symposium and Annual Art and Language Art Contest

Focused on Environmental Issues

Sponsored by the Louisiana Environmental Education Commission, Louisiana Wildlife and Fisheries and Louisiana Environmental Educators Association

Contact: Venise Ortego

Environmental Education Coordinator

Phone: 337-948-0255

Email: vortego@wlf.la.gov

The Symposium offers exciting workshops, short courses, and exhibits for the K-12 environmental educator. This education-packed, professional

development event is held annually in February. Participants will be Energized and Educated in the latest EE concepts!

The Art and Language Art Contest is for K-12 students. They submit their entries each April and the winners receive cash prizes, are honored at a reception at the Governor's Mansion, and their work is included in an annual calendar distributed across the state.

**Website: [www.wlf.louisiana.gov/eec](http://www.wlf.louisiana.gov/eec)**



## Section 10 Recycled Computers Available

CACRC is a non-profit organization that recycles thousands of computers each year by redistributing tested working equipment to be used in schools, non profits, and to low income families across the state. Teachers interested in computers or other electronic equipment for their classroom can contact the CACRC. You can bring your old computers and electronics to CACRC to be responsibly recycled. The warehouse is open Monday through Friday, 8:30 am to 4:00 pm.

**For more information:**

**please call 225 379-3577 or see the website [www.cacrc.com](http://www.cacrc.com) and [www.facebook.com/cacrc.br](http://www.facebook.com/cacrc.br)**

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#### East Baton Rouge Parish Recycling Office

805 St. Louis St., Baton Rouge, LA 70802

<http://www.brgov.com/recycle>

Phone: 225-389-5194 Fax: 225-389-8332

Email: [recycle@brgov.com](mailto:recycle@brgov.com)