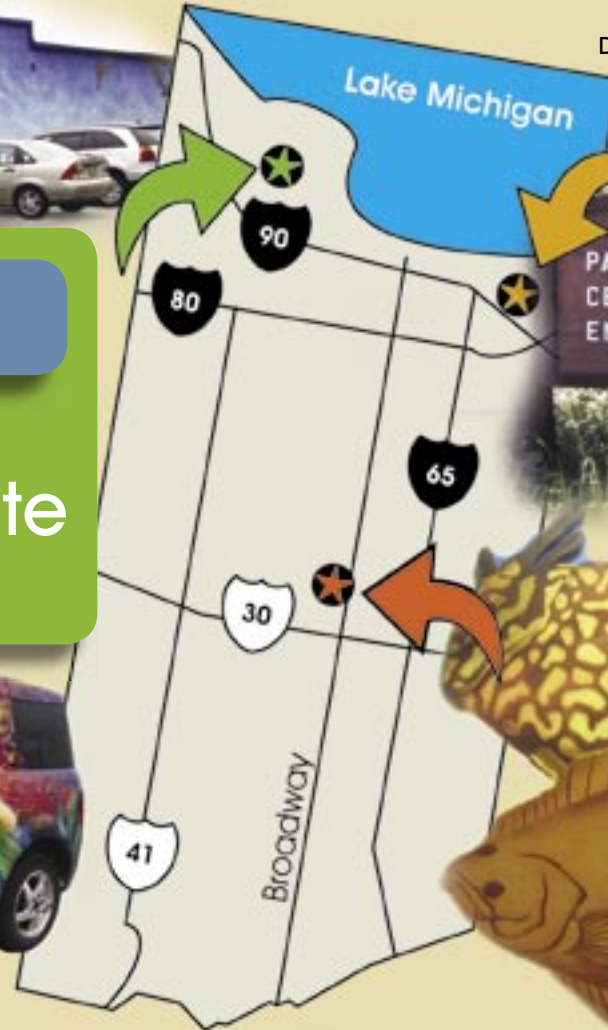


Environmental
Education Center
Hammond

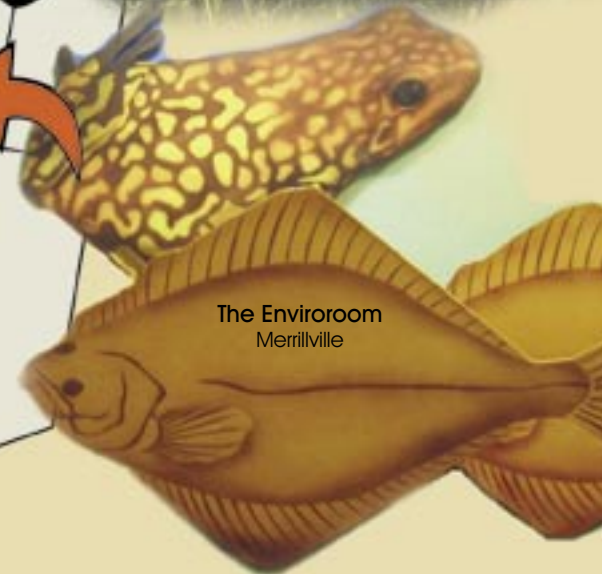


2007 - 2009

FREE Educational Programs From
Lake County Solid Waste
Management District



Douglas Center
Indiana Dunes National Lakeshore
North Lake Street
The Miller Section of Gary, Indiana.



The Enviroroom
Merrillville



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The Lake County Solid Waste Management District reserves the right to cancel, reschedule or otherwise modify any of its programs at any time and for any reason, and shall make reasonable efforts to provide timely notice of such cancellation, reschedule or modification or by reason of any matter whatsoever.

SCHOOL FIELD TRIP RESERVATIONS FORM

- Schedule early...**by mail, fax, phone or email** (please include "field trip request" in the subject line)
Enviroroom • 7820 Broadway, Merrillville, IN 46410 • **fax:** 219.769.3890 • **ph:** 219.769.3820
Douglas Center • Indiana Dunes National Lakeshore (See mailing address on page 3) • **fax:** 219.769.3890 • **ph:** 219.938.8221
Environmental Education Center • 2450 Calumet Avenue, Hammond, IN 46327 • **fax:** 219.853.2424 • **ph:** 219.853.2420
- Field Trips typically begin at 9:30 a.m. and end at 1:00 or 1:30 p.m. depending on your bus situation.

Your E-Mail Address _____ # of classes _____ total # of students _____

Your Name _____ School _____

School Address _____ City/State _____ Zip _____

Grade Level _____ School Phone _____ Home Phone _____

Please choose 3 possible dates for your field trip.

If you have a large group (60+) you may need multiple/consecutive dates:

Date(s) of 1st choice _____ 2nd _____ 3rd _____

Field Trip Locations: Environmental Education Center, Hammond • Enviroroom, Merrillville • Douglas Center, Indiana Dunes
 (Please check to make sure the program you want is offered at the location you are requesting)

Location _____ Program(s) _____

DESTINATION DOUGLAS CENTER
 219.938.8221 • FAX: 219.769.3890
 bbladybugs@yahoo.com

DESTINATION EEC
 219.853.2420 • FAX: 219.853.2424
 acary@lcswmd.com

DESTINATION ENVIROROOM
 219.769.3820 • FAX: 219.769.3890
 lgonzalez@lcswmd.com



DOUGLAS CENTER: INDIANA DUNES NATIONAL LAKESHORE

The Lake County Solid Waste Management District has teamed up with the Indiana Dunes National Lakeshore to offer fun-filled days at the Douglas Center for Environmental Education located on North Lake Street in the Miller section of Gary. Groups spend the day in award winning programs and guided exploration of the Dunes. As with all LCSWMD activities, programs at the Douglas Center emphasize learning by doing, interaction, and problem solving skills. Programs at the Douglas Center have been honored with a Governor's Award, The National Association of Interpretation's Community Partnership Award, and the Solid Waste Association of North America's Award for Public Education.

The programs at the Douglas Center can be adapted to fit any timeframe between one and four hours. Fill out the form on page 2 to plan your field trip. **You can mail your reservations to Douglas Center c/o Lake County Solid Waste Management District, 7820 Broadway, Merrillville, Indiana 46410, Fax 219.769.3890, or e-mail bbladybugs@yahoo.com.**

PROGRAMS

Destination Douglas Center



INTERESTING INSECTS...LADYBUGS...HONEYBEES...BUTTERFLIES

GOAL: To understand the body structure, behavior, and communication with one of these insects and the interdependence of nature.

DESCRIPTION: This program opens with a metaphoric wide-angle lens, creating and populating a mural meadow in which paper animals will gradually tell the stories of camouflage, predator/prey, and survival behavior in the real outdoors.

TARGET AGE: Pre-K through 3rd Grade



REDUCE, REUSE, RECYCLE

EARTH WALKS

GOAL: To learn more about the environment in our own backyard – The Indiana Dunes National Lakeshore.

DESCRIPTION: Miller Woods makes a great classroom. Come wander through the rolling oak savannahs and spectacular wetlands of the Indiana Dunes National Lakeshore.

TARGET AGE: Pre-K through High School

ON SANDY SHORES

GOAL: Students explore and deepen their understanding of many aspects of the "sandy shore," from grains of sand to commonly found animals to more complex biological and ecological interactions.

DESCRIPTION: Students examine and sort beach litter, identifying objects that will eventually become sand. Students use language skills to describe sandy locations and look at samples of sand from all over the world.

TARGET AGE: Pre-K through High School

RAIN DROPS AND OIL

GOAL: To introduce young students to the properties of matter. The activities are designed to prompt discussions about environmental issues such as oil slicks and educate students about household hazardous wastes.

DESCRIPTION: In a series of fun and fluid activities, young students explore the properties of different liquids. First they sort and classify, observe how food coloring moves through different liquids, and leave with a "Great Lake in a Bottle."

TARGET AGE: 1st through 5th Grade

HOMES IN A POND

GOAL: This interactive life science program conveys key environmental concepts – habitats, life cycles, diversity of life.

DESCRIPTION: Come to the Douglas Center for some close encounters with creatures that live ponds. Using nets, explore our outdoor pond where smaller forms of life, such as dragonfly nymphs, snails, and water boatmen make their home.

TARGET AGE: 1st Grade through High School



Destination Douglas Center • 4

TREE HOMES

GOAL: To encourage an appreciation for trees and the animals that live in them.

DESCRIPTION: This field trip is designed to stimulate children's interest in the world around them and in the biological need for warmth and shelter. It introduces different parenting and nesting strategies and compares the characteristics and behaviors of various tree home animals.

TARGET AGE: Pre-K through 3rd Grade

WORM WORLD

GOAL: To become familiar with basic ecological concepts: change, cycles, relationships, energy flow, ecosystem structures and function as they explore a worm's world.

DESCRIPTION: Hmm... Dirt, Worm World springboards from youngster's fascination with the stuff to explore the properties of soil – natural resource we take for granted. This program brings this hidden world up close, deepening students understanding of and connection to all living things. Explore a worm's world as they transform garbage to gardens.

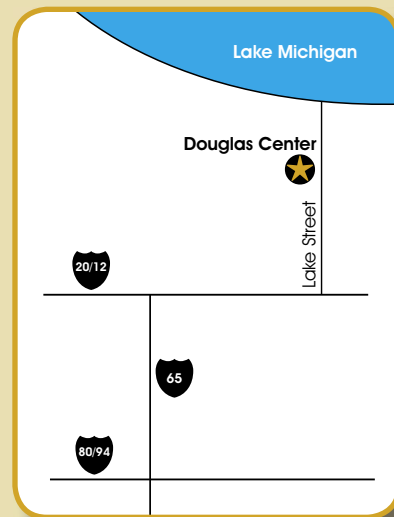
TARGET AGE: : Pre-K through High Schools

TOADALLY FROGS AND SLIPPERY SALAMANDERS

GOAL: To learn more about the behavior and life cycle of these very important bio-indicators

DESCRIPTION: Come study amazing amphibians with our education staff. Study the life cycle of a frog and learn the remarkable adaptations that make these creatures so interesting.

TARGET AGE: : Pre-K through High Schools



ENVIRONMENTAL EDUCATION CENTER

The Environmental Education Center is located at 2405 Calumet Avenue, Hammond, Indiana. This facility offers a unique extension to classroom environmental education and also serves as a field trip or meeting site for scout troops, home-schoolers, college groups, and environmental organizations. Equipped with Indiana's first indoor Trout Stream, the Arts and Crafts ReUz Station, a nature trail along George Lake, and the 40-foot Tree of Life, the Environmental Education Center (EEC) is a model of hands-on learning. All programming is offered at no cost to your school or organization. The EEC is available to all age groups and also to the public, Monday through Friday, 8:30am to 4:30pm. For more information about the center call (219) 852.2420. This facility can best accommodate groups of less than 60 people. Scheduling a trip for environmental education will be designed to complement your current curriculum or education goal. Programs include but are not limited to those listed below! Call for information on Earth Day activities, summer activities, and other special programming.

PROGRAMS

Destination EEC



SOMETHING FISHY

GOAL: Experience a fully-functioning indoor trout stream and participate in hands-on water management education.

DESCRIPTION: Activities are tailored developmentally and range from trout stream introductions to complex water quality testing.

TARGET AGE: Pre-K through High School

TALKING TRASH

GOAL: Learn how reduce, reuse, and recycle got their nickname! Are you recycling correctly in your neighborhood?

DESCRIPTION: Recycling games are varied according to learning level and range from sorting recyclables to learning to "buy recycled."

TARGET AGE: Pre-K through High School



NATURE'S RECYCLERS

GOAL: Meet the red worms, nature's recyclers, and discover composting as a cure for food and yard waster concerns.

DESCRIPTION: Students learn red worm anatomy, composting basics, how to build a worm compost bin, and of course, handle live red worms!

TARGET AGE: Pre-K through High School

A NATURE WALK

GOAL: Visit George Lake, located directly east of the center, and learns the plants that call this wetlands home.

DESCRIPTION: A paved trail lined with wetland plants, leads the group to several lookout points of the lake. Students discover names and interesting characteristics of a variety of plant species. (Seasonal & weather permitting)

TARGET AGE: Pre-K through High School

H2OHHH!

GOAL: Celebrate the unique characteristics of water. Discuss important uses and "recyclability" of the wet stuff!

DESCRIPTION: This program is adapted for various levels and includes games and hands-on demonstrations.

TARGET AGE: Pre-K through High School

ANIMAL SURVIVAL

GOAL: Demonstrate the effects of a highly industrialized region on animal populations.

DESCRIPTION: At each learning level students experience animal survival needs, discussing interdependence and habitats.

TARGET AGE: Pre-K through High School

NATURAL RESOURCES

GOAL: Explore uses, conservation and preservation of the materials we take from the Earth.

DESCRIPTION: Age-appropriate games, experiments, and simulations demonstrate the roles of natural resources in our daily lives.

TARGET AGE: Pre-K through High School



REUSE CRAFTS

GOAL: Demonstrate the importance and benefits of reusing. Create a craft of reusable materials.

DESCRIPTION: Students tour **Hammond Recycling's Art & Crafts ReUz Station** located inside the Environmental Education Center and make a craft to take home.

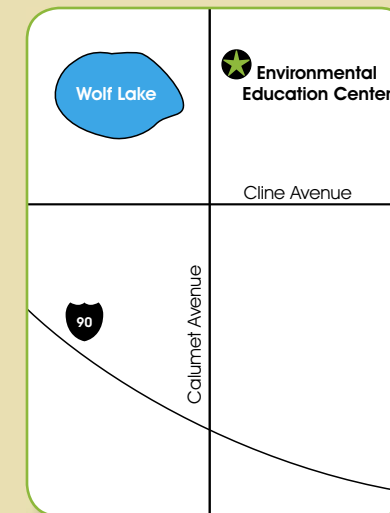
TARGET AGE: Pre-K through High School

Need 50 baby food jars or 300 puzzle pieces?

Visit Hammond Recycling's Art & Crafts ReUz Station located inside the Environmental Education Center. Teachers, scout leaders, church and other non-profit organizations may acquire free craft supplies. Shoeboxes, buttons, crayons, paper-towel tubes, egg cartons, gift wrap, and yarn are just a few of the supplies accepted as donations and available to your organization. Please call (219) 853.2420 for more information about this great resource.



**REDUCE,
REUSE,
RECYCLE**



ENVIROROOM

The Enviroroom is located in the Merrillville Municipal Complex at 7820 Broadway in Merrillville, IN. The Enviroroom is a unique classroom modeled after a wetlands environment that offers fun and free hands-on educational adventures for all ages. The classroom can accommodate groups up to thirty at a time during programming. The programs offered at the Enviroroom can be adapted to fit any timeframe between one and four hours. For a program that will align with your current curriculum or educational objectives, please contact the educator directly for further details. In addition to classroom programming, the Enviroroom also has Distance Learning/Virtual Field Trip capabilities for sites with IP or AVS broadcast services. Requests can be submitted either by mail to 7820 Broadway, Merrillville, IN 46410 OR fax (219) 769-3890. For additional information, questions or concerns contact the environmental educator at (219) 769-3820 or via email lgonzalez@lcswmd.com.

PROGRAMS

Destination Enviroroom



PLANET PROTECTORS

GOAL: Learn the basic rules of recycling and understand the importance of recycling for your future and the planet.
DESCRIPTION: By solving puzzles and riddles, students will learn about the Earth's natural resources and why we need to protect them. Activities also include a recycle relay, recreating the recycling process through role playing and examining unique reused and recycled-content products.
TARGET AGE: Kindergarten, 1st & 2nd grades **GROUP SIZE:** Maximum of thirty people



RECYCLE MANIA

GOAL: Identify Earth's natural resources and understand the importance of conservation.
Learn how to establish waste reduction and prevention methods in your home, at work, and at school.
DESCRIPTION: Students challenge their team building skills by participating in a series of games and demonstrations, including a natural resources scavenger hunt, recycle relay, wacky waste audits, and an Enviro-shopping adventure.
TARGET AGE: 3rd through 12th grades **GROUP SIZE:** Maximum of thirty people

SQUIRMY WORMS

GOAL: Learn the basic rules of composting, how to build a compost bin, and explore the wonderful world of worms.
DESCRIPTION: Students engage in a storytelling adventure of nature's tiny recyclers from garbage to gardens, while learning the fun facts of composting and worms. Using microscopes, students discover what lies beneath the banana peels, egg shells, and apple cores. Students will inch their way to becoming kings and queens of compost!
TARGET AGE: Kindergarten, 1st & 2nd grades **GROUP SIZE:** Maximum of thirty people

LET IT ROT!

GOAL: Understand the importance of waste reduction for a sustainable society. Discover the decomposition process of organic materials and calculate the most effective carbon/nitrogen recipe for your flower and vegetable garden.
DESCRIPTION: Students will conduct a microscopic investigation to identify the decomposers living in the compost. Collectively, students will build a compost bin for their classroom and develop carbon/nitrogen formulas for a fertile garden.
TARGET AGE: 3rd through 12th grades **GROUP SIZE:** Maximum of thirty people



CRAYON RECYCLING

GOAL: Students will list and observe states and properties of matter through a recycling activity that makes new crayons.

DESCRIPTION: Instead of throwing out old crayons, students will make them into new ones while demonstrating how interactions of energy and matter affect changes of state.

TARGET AGE: 2nd through 12th grades **GROUP SIZE:** Maximum of thirty people

PAPER RECYCLING

GOAL: Increase awareness of forest products and uses. Understand the process of recycling while learning how to turn your paper scraps into a wonderful work of art.

DESCRIPTION: Students will uncover the hidden life of a tree by performing tree-dating analysis. Students will create homemade envelopes and greeting cards to understand the distinction between reuse and recycle.

TARGET AGE: 2nd through 12th grades **GROUP SIZE:** Maximum of thirty people

GARBOLOGY: PROJECT ARCHEOLOGY

GOAL: Understand the process of waste disposal with thoughts toward the future. Identify and categorize the components of our waste stream. Sharpen investigating and team building skills.

DESCRIPTION: Using scientific inquiry, students examine what has been thrown away and investigate who the culprits are. Activities are based on Project Archeology designed by the US Department of the Interior Bureau of Land Management.

TARGET AGE: 3rd through 12th grades **GROUP SIZE:** Maximum of thirty people

HOMESCHOOL TIME

GOAL: Interact with others being home schooled while participating in activities that increase environmental awareness.

DESCRIPTION: From September through May, one day each month at 10:30 a.m. is reserved for planned environmental activities. Please contact the Enviroroom educator for registration and listings of yearly activities.

TARGET AGE: All Ages **GROUP SIZE:** Maximum of thirty people

HAZARDS ON THE HOMEFRONT

GOAL: Students will learn how to identify and classify common household hazardous waste found in our everyday lives.

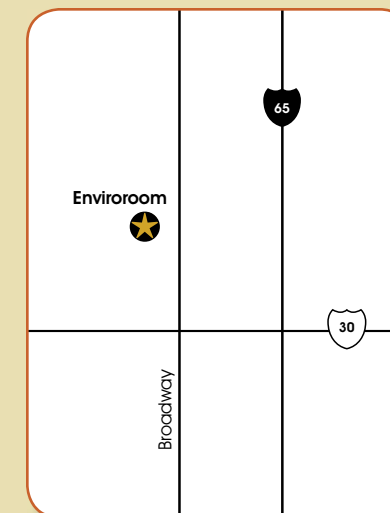
Explore nontoxic, organic, and eco-friendly products.

DESCRIPTION: Using an enviroscape, students will observe the negative effects of improper HHW disposal. Examine a strange substance to learn more about the scientific method of identifying the unknown. Each student will make their own cleaning product by using all natural and safe products from the kitchen.

TARGET AGE: 3rd through 12th grades **GROUP SIZE:** Maximum of thirty people



REDUCE,
REUSE, ♻️
RECYCLE



THE ENVIROMOBILE PROGRAM

Choose from nine hands-on inquiry based activities. Using teamwork, games, & experience students are challenged to recognize their role in building an environmentally responsible society. Up to two programs per year can be scheduled for your classroom (or science lab if available).

PROGRAMS

Destination Your Classroom



THE ENVIROSCAPE

GOAL: Gain an understanding of watersheds, run off and point and non-point source pollution.

DESCRIPTION: Using a 3X3-Floor model, students create a "real life" city with sources of pollution demonstrated and discussed.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: An empty room or science lab if preferred. Elem. 90 min. Secondary 45 min.

POND WATER TESTING

GOAL: Discover that the quantity and quality of pond life is a bio-indicator of the health of the pond.

DESCRIPTION: Using microscopes and pond water provided for each student, microorganisms are identified and indexed.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Can be done at a park with a pond if preferred. Elem. 90 min. Secondary 45 min.

TREE DATING

GOAL: Learn to count tree rings and understand why trees are important.

DESCRIPTION: Tree "cookies" and core samples are used to experiment with different tree dating methods.

TARGET AGE: 1st - 3rd Grades **GROUP SIZE:** One classroom at a time (max. 30) **LENGTH:** 60 min.

HOUSEHOLD HAZARDOUS WASTES

GOAL: Gain an understanding of groundwater. Recognize hazardous wastes and understand their potential impact on our environment.

DESCRIPTION: Demonstrations and games. **TARGET AGE:** 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.

RECYCLING AND THE 3 R'S

GOAL: Understand the importance and concept behind the reduce, reuse, recycle message.

DESCRIPTION: Games, demonstrations and samples are used.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.

WETLANDS

GOAL: Help students identify the variety, diversity, and function of wetlands in current ecology.

DESCRIPTION: Games and demonstrations help us explore the "what, why and what's happening" of wetlands.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.

OIL SPILLS

GOAL: Gain an understanding of where petroleum comes from, how it's transported and the environmental dangers that are posed by our dependence on this fossil fuel.

DESCRIPTION: Students create a "spill", test different clean up methods, and report their findings.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.

COMPOSTING

GOAL: Give students an understanding of the importance of decomposition in their lives.

Be exposed to the complex bio-system of life within a compost pile.

DESCRIPTION: Using a worm compost bin, students do their own microscopic study to identify and quantify the organisms living in the vermiculture.

TARGET AGE: 1st - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.

SOIL TESTING

GOAL: Gain knowledge of the importance of soil to our existence.

DESCRIPTION: Students classify loams, test for the nutrients found in soil, and learn why plants need them.

TARGET AGE: 2nd - 12th Grades **GROUP SIZE:** One classroom at a time (max. 30)

LOCATION & LENGTH: Your classroom or science lab. Elem. 90 min. Secondary 45 min.



RESERVATION FORM FOR ENVIROMOBILE PROGRAMS

- You may choose up to **2 programs per year** for your class or grade level.
- Schedule early...**by mail or fax.** 7820 Broadway, Merrillville, IN 46410 • **fax:** 219.769.3890 • **No Phone Calls Please.**
- Programs require **90-minutes** and begin **no earlier than 9:00 a.m.**
- You will receive a written confirmation. Please **pay special attention to the dates and times** given as they may differ from your original request.

Your E-Mail Address _____ # of classes _____

Contact Name (list all teachers names) _____

School _____

School Address _____ City/State _____ Zip _____

Grade Level _____ School Phone _____ Home Phone _____

First Request: Activity _____ Date(s) of 1st choice _____ 2nd _____ 3rd _____

Presentation Times _____ (no earlier than 9:00 a.m.) # of students _____

Second Request: Activity _____ Date(s) of 1st choice _____ 2nd _____ 3rd _____

Presentation Times _____ (no earlier than 9:00 a.m.) # of students _____



DO NOT CUT THIS FORM OUT... COPY IT & MAIL ASAP!
Please schedule by mail or fax only. Requests will not be accepted by phone.

DISTANCE LEARNING PROGRAMS

Nothing beats the real thing! Distance learning broadcasts are great introductions or follow ups to a class field trip. Two way, interactive video distance learning allows students at multiple sites to simultaneously see and speak to one another via state of the art fiber optics telecommunications technology. The result more productive better educated and informed students. How to schedule? If your school has IP or AVS capability then. For available dates and times, contact the Distance Learning Coordinator at (219) 769-3820 or lgonzalez@lcswmd.com. You must then go to www.cilc.org to request the event for final confirmation.

PROGRAMS

Destination Your Classroom



THE 3Rs: REDUCE, REUSE, RECYCLE

GOAL: Students will understand the importance and concept of the Reduce, Reuse, Recycle message.

Explore alternative products that are more environmentally friendly. List and identify the components of trash and engage in discussion about waste reduction.

DESCRIPTION: Students will learn the importance and concept behind the Reduce, Reuse, Recycle message by participating in games and demonstrations. Games included: Natural Resource Match Game, Recycle Relay, and even a Fashion show of Reused and Recycled garbage demonstrated by the environmental educator

TARGET AGE: 3rd through 12th grades

REDUCE, REUSE, RECYCLE 

NATURE'S RECYCLERS

GOAL: Students will understand the importance of waste reduction, learn the basic concepts of composting and how to create their own compost bin and explore earth friendly solutions for our yard and food waste problem.

DESCRIPTION: Through interactive story-telling, students will learn the necessary steps for composting. Learn about the critters in the compost including worms and how they help in the decomposition process.

TARGET AGE: 3rd through 12th grades

SQUIRMY WORMS

GOAL: Students will understand the importance of waste reduction; learn the basic concepts of composting and how to create their own compost bin

DESCRIPTION: A storytelling adventure of nature's tiny recyclers from garbage to gardens, your students will learn the fun facts of composting and worms. Students will inch their way to becoming Kings and Queens of Compost!

TARGET AGE: Kindergarten, 1st & 2nd

THE ENVIROSCAPE

GOAL: Students will gain an understanding of watersheds and the effects pollution has on a community. Learn about "eco-friendly" solutions and products.

DESCRIPTION: Using a 3x3-floor model, Students create a "real-life" city while discussing and demonstrating sources of pollution. Students will gain an understanding of watersheds, run off, and point/non-point source pollution.

TARGET AGE: 2nd through 12th grades

LAKE COUNTY SOLID WASTE ISSUES

GOAL: To increase environmental awareness in Lake County, Indiana.

DESCRIPTION: Solid Waste leaders gather to discuss timely topics: drop off sites, school recycling, hazardous waste, landfills and more. This is a perfect opportunity for your students to learn about their community and ask questions about the future of waste management.

TARGET AGE: K-12 Educator, Lake County, Indiana Teachers and Administrators



ENVIROHOLIDAYS

GOAL: Students will be able to recognize the waste problems we face during the holiday season, evaluate their own holiday practices that effect our environment, and learn "eco-friendly" solutions for the holidays.

DESCRIPTION: Join an environmental educator as she demonstrates ways to celebrate the holidays with the environment in mind. Great gift ideas, gift wrapping alternatives and card recycling are just a few of the tips for a simpler, peaceful holiday. (Christmas, Valentines Day, Mothers Day, Fathers Day, Halloween, etc.)

TARGET AGE: All Ages

ENVIROMENTAL CAREERS

GOAL: Students will explore the exciting and diverse careers within the environmental field, engage in discussion about career options and job requirements, and develop an appreciation and understanding of the environmental field.

DESCRIPTION: Students interested in an environmental career have the opportunity to hear from the environmental community. The panel may consist of an Environmental lawyer, Hazardous Waste Director, Paper recycler, Grant writer, Educator with potential for more or less panel members. Participants are available to answer questions about their job descriptions, education requirements, job market, and future potential.

TARGET AGE: 3rd through 12th grades

FINALLY A FANTASTIC, FUN & INFORMATIVE IN-SERVICE DAY!

GOAL: Teachers will become familiar with free programming offered to schools, understand the process of scheduling programs through Lake County Solid Waste, and learn where to find additional resources for their classroom curriculum.

DESCRIPTION: Looking for a brief introduction to all the FREE programming offered by Lake County Solid Waste Management District? Schedule an overview for your next Teacher In-service Day. Find out what Distance Learning programs will correlate with your classroom activities. Lake County Residents can learn what recycling programs are available for schools; what's new in free fieldtrips at the Enviroroom, Douglas Center, Hammond Center and how to schedule the enviromobiles and much more!

TARGET AGE: K-12 Educator, Lake County, Indiana Teachers and Administrators



THE SUMMER ENVIRONMOBILE PROGRAM

To celebrate summer the Enviroroom offers additional programs that accommodate multi-grade groups. Allow a minimum of 60 minutes for each program.

ENVIRONMENTAL BINGO

DESCRIPTION: Play Bingo with an Environmental twist. Prizes are awarded for those who BINGO!

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students

SCIENCE WITH REUSED STUFF

DESCRIPTION: Explore simple science concepts using reused items. Hands-on experiments are performed.

TARGET AGE: Elementary. **TARGET AGE:** 20-30 students

ENVIRONMENTALLY HAPPILY EVER AFTER

DESCRIPTION: This earth friendly story time includes folktales and fairytales that encourage qualities necessary for environmentalists: cooperation, teamwork, and responsibility.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students

THE EDIBLE LANDFILL

DESCRIPTION: Through this hands-on activity, students use food to build a model landfill. They learn how today's landfills are designed to minimize potential effect on the environment. Once finished they get to eat the results.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students



REDUCE, REUSE, RECYCLE



TRASH TO TREASURE

DESCRIPTION: Discarded items are transformed into treasures! Make recycled crayons shaped like the Enviromobile, as well as custom designed hats! We supply the stuff... you supply the kids. When finished we take the mess with us.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students

OUTDOOR GAMES

DESCRIPTION: Get outside and involved in dynamic field games focused around survival, adaptation, and extinction!

They won't even know they're using teamwork, reasoning, and problem solving skills... they'll just know it's fun!

On your school property or at a park. Bad weather?... the school gym will do.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students

INDOOR GAMES

DESCRIPTION: The classroom is enough room to play games where the participants have to sniff out their team members or play body twister with the trash components.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** 20-30 students

OUBLECK!

GOAL: Investigate and analyze a mysterious green substance while learning about household hazardous waste in our environment.

DESCRIPTION: In teams students will examine, experiment with, and hypothesize about Oobleck, learning and using scientific vocabulary needed to describe material properties.

TARGET AGE: Appropriate for all ages. **GROUP SIZE:** Maximum of 30 students



PROFESSIONAL DEVELOPMENT & SPECIAL PROJECTS

Teacher Appreciation Dinner

Mark your calendar early for the evening of Earth Day, April 22, 2008 and April 22, 2009 from 4:30-7:30. We will be hosting our annual Teacher Appreciation Dinner. Carpool and bring as many colleagues with you as you can. We will be playing games, giving out prizes and having a great time while we celebrate YOU, our biggest supporters! Call our Environmental Education Center to learn the NEW location and RSVP for this event from March 1 through April 15 to 219-853-2420.

3 R's Fair

In 2007, the District will be piloting the We Recycle! It All Comes Back to You! School Project/competition 3 R's Fair. Students will have chances to win prizes by researching an environmental problem in the home or community, finding strategies to fix the problem, implementing their project and documenting their experiences and successes in photos, drawings or written report on a project board to be shared at a 3 R's Fair. In 2008, the project will be open to all Lake County Schools that want to participate. For a full list of Rules and a more detailed description of the project visit our website, www.lcswmd.com.

America Recycles Day Poster Contest

November 15, EVERY YEAR, is America Recycles Day! Create awareness and celebrate with your students by participating in the annual poster contest. Students and teachers have the opportunity to win prizes! Call 219.853.2420 for more details.



EnviroTeacher Advisory Council

Formed in 2006, the council gives LCSWMD educators the chance to exchange with teachers. The Council meets annually to discuss the environmental education needs of schools and current environmental events. Please call 219.853.2420 for more information or to ask for an application packet.u

GEMS Teacher Workshop

February 29, 2008, Douglas Center, Indiana Dunes National Lakeshore.

An opportunity like this doesn't come around every year. Teachers spend leap day with us and jump into some excellent learning opportunities for your students. Our staff will be presenting many GEMS guides in the edu-taining day! You will take home your choice of guides, plus other valuable information. Join us for this free teacher workshop that includes lunch. There are substitute stipends available.

February 25 & 26, 2009, Environmental Education Center, Hammond.

Join us for double the fun during this two day teacher training. We will be exploring and presenting a different set of guides and teachers will be invited to pick the guides of their choice for use in their classroom. The day is free of charge, but you do have to register early to reserve your spot.

Call Lara at 769-3820 or email lgonzalez@lcswmd.com to register for either workshop. Space is limited so call early to sign up.



IS IT JUNE YET?

Our staff doesn't stop working when the school year is over. At all of our centers we offer summer field trips and the Enviromobile keeps rolling well into the heat of summer. We also offer special summer only programming: At the Douglas Center, we partner with the Indiana Dunes National Lakeshore to provide the Jr. Ranger's Program. Call Kip Walton at 219-926-7561 for more information on this program.

At our Environmental Education Center in Hammond, join us for Earthlings Summer Day Camp Environmentally-themed, this free program will entertain your children with games, crafts, nature hikes and the messae of Reduce, Reuse, Recyle. Beginning May 1, families my register their elementary school age children for this free summer camp. Call 853-2420 for more information.

In the Enviroroom, meet for a week long adventure as we load a bus and visit a different Environmental Destination every day. Call Lara at 219-769-3820 for more information on this NEW Adventure Camp.

Lake County Solid Waste Management District
7820 Broadway
Merrillville, IN 46410



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