

# JACKSON COUNTY RECYCLING AND ENVIRONMENTAL EDUCATION PRESENTATIONS

## GRADES PREK-K

### RECYCLE FOR OUR EARTH!

What is recycling? What can be recycled? Students will be introduced to the concept of recycling through music and movement.



### LITTER BUG

Children discover where and why we put our garbage in the right place. Trash will come out and play if we litter according to the story that students will read. Students will differentiate between good and bad garbage by sorting the trash.



### TRUFFULA TREES!

At the far end of town where the Grickle-grass grows.... Story time abounds as *The Lorax* is read to students. After discussing why recycling is important to our environment, students will make their very own Truffula Tree! **(Please ask each student to bring in one empty toilet paper roll)**

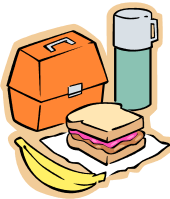
## GRADES 1 - 2

### TRASH BAG OLYMPICS

What's in your trash bag? Learn about what can be recycled & what is trash headed for the landfill. A short lesson about recyclable items & products will be followed by an action-packed trash bag relay. So roll up your sleeves & get ready to pick trash & sort (no need for gloves, it's all clean trash!)

### WASTE-FREE LUNCH

How much waste do people throw away in a day? Students will learn how much waste is thrown into landfills and how to reduce unnecessary waste, and how to reuse items. During an activity students will compare different lunches to determine which lunch has less waste.



## GRADES 3 - 5

### TRASH PIZZA! - WHAT'S IN YOUR GARBAGE?

What gets thrown away in the landfill. Students will create a "trash pizza" pie graph that will demonstrate the components found in a landfill. Throughout the lesson students will examine the data and find percentages and or fractions of different items sent to landfills.



### COMPOST HEROS- FBI (Fungus, Bacteria, Invertebrates)

Who is responsible for breaking down organic material? Much of what we throw away is organic material. Students will be introduced to the concept of composting by understanding who is responsible for turning organic material into soil. They will also discover why organic material does not break down very easily in the landfill.



### COMPOST INVESTIGATORS

Students will investigate compost in search of decomposers. They will gain an understanding of the role these organisms have in the environment, and the relationship these creatures have on waste management efforts.

### SCHOOLYARD SAFARI

Habitats can vary greatly and even right under your nose! Through a schoolyard safari students will explore their school's habitats and conduct a mini litter pick-up. (Outdoor Activity)



### WHO IS THE GREEN HERO?

During an interactive game students will become recyclables headed to the recycle center. During the game students will gain an understanding the obstacles trash has to get to the right place.

### WHAT CAN YOU MAKE OF IT?

Learn what products recyclable materials can be turned into. Students will become more aware of the importance of recycling and it's importance to our earth. Students will make plant starter pots out of old newspapers. Amazingly, the pots will hold water & remain intact when wet.

### WHAT IS IT MADE FROM? Natural Resources

Learn what it takes to make plastic, paper, and steel. Why are many of these products important? During the lesson students will search for natural resources and determine that not all resources are renewable. By the end of the lesson students will conclude that recycling helps save our natural resources.

## GRADES 6-12

### ENVIROSCAPE LANDFILL MODEL

Learn how modern landfill systems work. Model comes complete with impermeable liner, groundwater, daily cover, & more!



### SCHOOL WASTE AUDIT

Students will complete a research project to measure the amount of garbage collected in one day and classify the contents of it.

### PAPERMAKING

How is recycled paper made? Participants will discover the benefits of making recycled paper. With a blender, screens, & old paper, students will create their own sheet of paper (small groups only).

## GENERAL AUDIENCE

### LET'S TALK GARBAGE!

#### LANDFILL 101

Participants will learn how a landfill is designed and how it functions. An overview of waste management efforts in the southern Illinois area.

#### RECYCLE 101

What is recycling? A general overview of what is recycling, the benefits of recycling, and what can be recycled.



#### REUSE PROJECT

Students will create a product reusing an item that would normally be thrown in the trash. While creating students will discover the importance of reusing items, and the difference between reusing and recycling.

## Goal of the Program

The goal of our program is to provide environmental education that engages students, school staff, and the community in positive waste management behavior, recycling, and sustainable thinking. School and organizations that participate in the lessons and activities will then adopt recycling as common practice and promote environmental stewardship, thus creating less waste, saving energy and



## Program Overview

The program serves approximately 24 private and public schools throughout Jackson County each year. Participating schools complete one or more educational components and recycling activities. The educational lessons are provided to the schools by the Recycling Educator from Jackson County Health Department.

The funding for the program comes from surcharges placed on refuse disposal within Jackson County.



## Recycling and Environmental Presentations

*If interested in more information or in scheduling a program for your school, daycare, preschool or organization please contact:*

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Jackson County  
Health Department

