

# OVERVIEW OF CLASSROOM PRESENTATIONS



KCB provides free environmental education programming to any and all classrooms in the public, private and parochial schools of Greater Cincinnati. One of our environmental educators will travel to your classroom to present a fun, informative, and interactive program. We typically see all classrooms of the same grade when we visit so please collaborate with your fellow teachers.

A word to the wise — our programs are quite popular and our schedule fills very quickly. Be sure to call as soon as you know what your classrooms' needs will be. Below are capsulizations of each of our program offerings.

## **NATURAL RESOURCE CONSERVATION OUTREACH**

**Compost Stew** (Grades K-1) - We'll read the book *Compost Stew* and follow along by creating our own batch of "compost". Students will learn how the earth recycles and why it's important for us to do things, like compost, to reduce the amount of waste we create. (30 minutes)

**Fred the Fish** (Grades K-4) - Fred is a little fish whose curiosity gets the best of him as he sets out to explore the Mill Creek. He has no idea that there is a lot more than water in the water! We will follow Fred on his journey and see the effects of water pollution on wildlife as well as discuss what we can do to help keep the water clean. (45 minutes)

**Water, Water Everywhere** (Grades 3-12) – This **NEW** program allows students to appreciate how little water is actually available for human use with a demonstration of water availability and a hands-on activity in which they manage their water for various uses. Students discuss how humans use water, understand the importance of managing this resource carefully and formulate ideas to conserve water and maintain a quality supply. (45 minutes)

**The Mystery of Landfills** (Grades 3-8 and 9-12) - What happens to our trash after it is picked up at curbside? What is the difference between a dump and a sanitary landfill? How are landfills designed to minimize the effects of solid waste disposal on our environment? Using a model of a landfill to visually depict the components of its design we will discuss the answers to these and other questions. (45 minutes)

**Understanding your Carbon Footprint** (Grades 6-12) - Students will learn about greenhouse gasses, global warming and uncover the biggest contributors to their individual "footprint." They will also learn how to calculate their carbon footprint and encouraged to share this with their families. We will discuss ways to alter their daily living in order to make a positive impact on the environment. (45 minutes)

**Wonders of the Sun** (Grades 5-12) - In this **NEW** program, students are able to better appreciate the many uses of our Sun. Students become familiar with the concept of UV rays through an activity with UV color changing beads utilizing outdoor observation and inquiry. They gain an understanding of what solar energy is, how it is used and about the greenhouse effect. (45 minutes)

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## **LITTER PREVENTION OUTREACH PROGRAMS**

**Jitter, Don't Litter** (Grades Preschool -1) - This is a story that will set your kids' toes to tappin'. With colorful characters from "How Spider Stopped the Litterbugs" we'll dance and sing our way to the realization that everyone (even kids) can help keep our city litter-free. (30 minutes)

**How Litter Hurts Animals** (Grades Preschool-3) - All children have a warm spot in their hearts for animals. In this program we introduce children to the idea that litter not only makes the neighborhood look trashy, it can also harm pets and other wild things. Through the use of a puppet show and age-appropriate discussions we will establish a connection that is deep and meaningful to them. (30 minutes)

## **RECYCLING OUTREACH PROGRAMS**

**Eco-Art** (Grades 2-8) - After a brief review and discussion of the three R's, children will tap into their creative side to explore the reuse leg of the reduce-reuse-recycle triangle. We'll put into practice the concept of reuse through craft making from of an item usually destined for the landfill, which students get to take home! We provide the craft materials but request that each class supply its own glue, scissors, and crayons or markers. (30-45 minutes)

**Paper Recycling** (Grades K-8) - This is one of our most popular programs. Students learn where paper comes from, its history, its future and why recycling paper is beneficial to the environment. Then they will operate their own paper recycling factory and produce recycled paper right in your classroom. (45 minutes)

**Recycle This!** (Grades 2-12) - This program involves a discussion about the natural resources from which different kinds of packaging are made, our ability to recycle packaging as well as its biodegradability (or lack thereof). We'll demonstrate how recycling our packaging saves resources, landfill space and energy. The program concludes with a game in which students practice sorting their recyclables for curbside collection. (45 minutes)

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