

Science Story Adventures



Recycling for Earth Day

Learning outcomes

» Students understand the importance of individual action and character and explain how heroes from long ago and the recent past have made a difference in others' lives. (Grade 2 - History-Social Science)

» Students know how to identify resources from Earth that are used in everyday life and understand that many resources can be conserved. (Kindergarten - Earth sciences).

» Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial. (Grade 3 - Life Sciences)

From: California's Content Standards

Books we read

We Are Extremely Very Good Recyclers by Bridget Hurst

Recycled! by Jillian Powell

Activities we did

» We talked about the history of Earth Day and what kinds of things people do to celebrate it.

» We looked at different types of trash and determined which bin each one would go in--recycling, compost or landfill.

» We used our new knowledge to play a game of Waste Bingo.

Today's craft: Recycled Earth Ornament

You will need:

- » Old magazines or used greeting cards
- » Compass or drinking glass
- » Pencil
- » Scissors
- » Glue stick
- » Piece of yarn about 24 inches (30 cm) long
- » Bead (optional)



Directions:

1. Trace five circles that have about a 3.5 inch (8.5 cm) diameter on old magazines or used greeting cards using a compass or drinking glass as your guide. Place the circles over the pictures that you want on your ornament.
2. Cut out the circles and fold them in half with the picture you want on the inside.
3. Glue the semi-circle of one picture to the semi-circle of another, with the wrong-sides facing each other and the picture you want on the outside. Repeat with four of the circles.
4. Fold the yarn in half, tying a knot or a bead at the bottom to keep it from falling out. Also, tie a knot a little ways down from the top of the yarn to create a loop to hang it with.
5. Lay the yarn down the center of the ornament and then glue on the last circle.

Want to find out more?

Here is a selection of further resources to explore in the Naturalist Center, in the public library or at home. Please ask if you can't find what you're looking for.

Books

Compost Stew: An A to Z Recipe for the Earth by Mary McKenna Siddals. Nat. Ctr. Juv. TD796.5 .S53 2010

This rhyming picture book takes the reader through the A to Zs of compost ingredients. Illustrations are colorful and in collage style.

Earth Friends at School by Francine Galko. Nat. Ctr. Juv. TD171.7 .G35 2004

Introduces simple ways that kids can make their school more ecologically friendly.

Projects for a Healthy Planet: Simple Environmental Experiments for Kids by Shar Levine and Allison Grafton. Nat. Ctr. Juv. TD171.7 .L48 1992

A compendium of simple experiments and projects from making recycled paper to composting with worms to creating your own environmentally friendly household products.

Recycle!: A Handbook for Kids by Gail Gibbons. Nat. Ctr. Juv. TD794.5 .G5 1992

In classic Gibbons style, *Recycle!* Uses large, colorful pictures to illustrate informational text about the hows and whys of recycling. Includes a fun facts page.

Usar de Nuevo y Reciclar por Charlotte Guillain. Nat. Ctr. Juv. TD792 .G8518 2008*

This easy reader introduces the importance of reusing and recycling everyday objects.

**Libro en español*

DVDs

It's a Big, Big World--The Earth Needs You: Recycling and Caring for the Environment. Nat. Ctr. Media PN1992.77 .I87 2007

Join Snook and his friends as they learn about the importance of protecting the environment.

Sid the Science Kid: Going, Going, Green! Nat. Ctr. Media GF78 .G65 2010

The ever curious Sid investigates the importance of conserving water, recycling, keeping the air clean and protecting habitats.

Websites

Composting with Worms

Everything you need to know about setting up a worm bin to have worms compost your kitchen waste.

<http://dnr.wi.gov/org/caer/ce/eek/earth/recycle/compost2.htm>

Gaylord Nelson and Earth Day: The Making of the Modern Environmental Movement

Using archival material that has been digitized, including newspaper articles, posters and film, this site tells the history of Earth Day and its founder, Gaylord Nelson.

<http://www.nelsonearthday.net/index.htm>

Kids Recycle Page

Learn how to reduce the amount of different products you use and how to recycle them.

<http://www.ecy.wa.gov/programs/swfa/kidspage/>

Recycle Roundup

An online game developed by National Geographic where players help Gus the Gorilla clean up a park while sorting different types of trash.

<http://kids.nationalgeographic.com/kids/games/action-games/recycle-roundup/>