

AUDUBON OHIO AUDIO VISUAL RESOURCES

This is a directory of the videos, education kits, computer software and posters available in the Resource Library of the Audubon Center at the Scioto Audubon Metropark. These resources were donated by the Solid Waste Authority of Central Ohio (SWACO) in 2009. Titles offer introductions and thought-provoking coverage of many topics that relate to environmental issues and nature study. Among these topics are garbage, composting, recycling, biodiversity, toxic waste, acid rain, energy, the water cycle and water pollution. A variety of books and pamphlets are also available in the library.

Compiled and written by Sarah L. Wurdlow
c2000; revised 2002, 2004, 2007, 2009

VIDEOS

Acting locally [VHS]

57 minutes, grades 7-adult

Shows examples of local community organizations involved in environmental improvement. GreenWorks, c2003.

Addicted to plastic [DVD]

85 minutes; 53 minutes (2 versions), grades 6-adult

Covers the disposability issue of plastic waste, focusing on marine debris, recycling, bioplastics and (longer version only) toxic ingredients in plastic. Bullfrog Films, c2007.

Addiction [DVD] (The eyes of Nye)

25 minutes, grades 9-12

Examines the issue of addiction as a disease or behavior choice through the work of scientists studying the brain, psychology, social factors and genetics, and people who live with substance abuse. Disney Educational Productions, c2005.

Adopt-a-roadway [VHS]

10 minutes, grades 7-9

Demonstrates safety rules for running a successful adopt-a-roadway project.

The adventures of Wayan and the 3 R's [VHS]

15 minutes, ages 5-8

A six-year old Indonesian boy leads village effort to reduce, reuse and recycle garbage, ending in a celebration parade

using instruments made by recycling discarded materials. The Video Project, 1995.

Affluenza [VHS]

56 minutes, grades 6-adult

NPR's Scott Simon explores overconsumption and its impact on families, communities and the environment. Bullfrog

Films, 1997.

Air to earth [VHS]

7 minutes, grades 4-9

Explains how Nike's Reuse-a-Shoe program is used to recycle athletic shoes into sports playing surfaces, and encourages general recycling. Nike, Inc., c2004(?).

All things are connected [VHS]

12.5 minutes, grades 5-adult

Adaptation and visual interpretation of speech by Chief Seattle. North Carolina Wildlife Resources Commission, 1991.

Alternative power sources and renewable energy [DVD]

22 minutes, grades 9-adult

Demonstrates how wind turbines, solar cells, hybrid cars and coal gassification are beginning to transform how the

world is powered, and discusses the challenge of developing environmentally friendly forms of power generation. Films for the Humanities and Sciences, c2004.

Antibiotics [DVD] (The eyes of Nye)

24 minutes, grades 9-12

Discusses how antibiotics work, and how germs evolve to evade them and build resistance. Disney Educational

Productions, c2005.

Astrobiology [DVD] (The eyes of Nye)

25 minutes, grades 9-12

Explores methods used by scientists in the search for extraterrestrial life. Disney Educational Productions, c2005.

Atoms [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8

Explains how atoms combine to form molecules and are the building blocks of all matter. Disney Educational Productions, c2003.

**Beyond the bin [DVD] or [VHS]
8 minutes, grades 5-12**

Discusses landfills and how trash items can be reused, featuring an exhibit of secondary students' art work pieces created from trash and shown at the King Arts Complex. SWACO, n.d.

**Biodiversity [DVD] (Bill Nye the Science Guy)
26 minutes, grades 4-8 programs in English and Spanish**

Shows the interdependent web of nature in an ocean, forest and field, and what happens when one link falls out of nature's chain. Disney Educational Productions, c2005.

**Biodiversity; Garbage [VHS] (Bill Nye the Science Guy)
Each segment 26 minutes, grades 3-7**

Biodiversity: What is an ecosystem? Where do two thirds of the Earth's species live? What is biodiversity? How much of the Earth's surface is covered by water? Experiments shown: Construct a bird feeder, observe microscopic diversity by making mold.

Garbage: How much garbage does a person produce each day? Do plants make waste? What is the volume of waste generated by nature each year? Experiments shown: How to make nutrients for plants (compost), How to create a small greenhouse (life in a bottle). Disney Educational Productions, 1995.

**Biomimicry: Learning from nature, part 1 [DVD]
44 minutes, grades 7-adult**

Presents a new science that studies nature and imitates these designs and processes to solve human problems; based on book by Janine Benyus. Bullfrog Films, c2002.

**Blue planet: Seas of life [DVD]
5 discs: 7 hours, 38 minutes total, grades 7-adult**

Explores Earth's oceans from coasts to the poles, from reefs to the deeps, and the behavior of animals found in all these places. Disc 1: Frozen seas; Coral seas -- Disc 2: Open ocean; The deep -- Disc 3: Tidal seas; Coasts -- Disc 4: Seasonal seas; Ocean world -- Disc 5: Filmmaker and scientists interviews.

**Blue vinyl [VHS]
96 minutes, grades 10-adult**

Using humor, two filmmakers investigate the human and environmental costs of putting PVC siding on a home. Bullfrog Films, c2002.

Brownfields, community involvement and smart growth [DVD]

29 minutes, grades 9-adult

Shares examples and shows the importance of community involvement in brownfields reclamation. Films for the Humanities & Sciences, c2004.

Building sustainability with the Natural Step: UT-Houston's journey [VHS]

22 minutes, grades 10-adult

Principles of resource and energy conservation were used in designing a new academic building to demonstrate the relationship of health and the environment. Northcutt Productions, 1999.

Bury, burn or return: Winning the war against waste [DVD or VHS]

41:30 minutes, grades 7-9 lesson plan available

Takes a candid look at the history and ongoing issues of managing municipal wastes around the world.

Business and residential recycling and waste minimization [DVD] (Our urban environment: solid waste management)

50 minutes, grades 9-adult

Showcases a variety of recycling efforts, and stresses the importance of public education and support. Films for the Humanities & Sciences, c2004.

The busy, busy planet [VHS]

11 minutes, grades 5-8

Examines some of the ways plastics can help save natural resources. American Plastics Council, 1995.

Cash in trash? [VHS]

15 minutes, grades 8-adult

MacNeil/Lehrer business correspondent Paul Solman investigates the true economics of recycling--politically popular, but often expensive to implement. Films for the Humanities & Sciences, 1999.

Chemical reactions [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Uses explosions to explain that everything is made of chemicals and shows that fire is actually a chemical reaction.

Disney Educational Productions, c2003.

Choose to reuse [VHS]

30 minutes, grades 7-adult

Shows innovative ways to reuse discarded materials. GreenTreks Studios, 2000-03(?)

Climates [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Explains how different climates, from arid Saudi Arabia to humid Costa Rica, are created, and how they affect the planet. Disney Educational Productions, c2003.

Cloning [DVD] (The eyes of Nye)

23 minutes, grades 9-12

Explores the biology and ethical issues of cloning, including the difference between therapeutic and reproductive cloning. Disney Educational Productions, c2005.

Come walk with me [VHS]

32 minutes, ages 2-12

Walkin' Jim Stoltz sings and hikes with a group of children in the mountains of Montana to celebrate wilderness and its inhabitants. Wild Wind Records, 1994.

Complete home composting video guide [VHS]

30 minutes, grades 9-adult

Comprehensive guide to various compost projects, including yard waste, hot composting and kitchen scraps worm bins. Vernal Productions, 1993.

Computers [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Al Gore helps Bill Nye trace the development of computers from room-size models to personal laptops. Disney Educational Productions, c2004.

Connections I: Vol. 1, The Trigger effect; Vol. 2, Death in the morning [DVD]

50 minutes each vol., grades 9-adult (closed captioning available)

Vol. 1 examines what happens when complex technological networks fail; vol. 2 shows how standardizing precious metal in coins stimulated trade and led to the atomic bomb. Ambrose Video Publ., 1978.

Connections I: Vol. 3, Distant voices; Vol. 4, Faith in numbers [DVD]

50 minutes each vol., grades 9-adult (closed captioning available)

Vol. 3 relates how scientific discoveries by Galileo and others supported the increasing costs and technology of warfare; vol. 4 shows how the Renaissance came out of a rise in commercialism, sudden climate cooling, famine and plague, leading to the invention of the printing press. Ambrose Video Publ., 1978.

Connections I: Vol. 5, The Wheel of Fortune; Vol. 6, Thunder in the skies [DVD]

50 minutes each vol., grades 9-adult (closed captioning available)

Vol. 5 traces the development of computer-powered prediction from the skills of ancient priest astrologers;

Vol. 6

relates how the cold climate of the 13th Century led to changes in energy use and new power sources, resulting in the

Industrial Revolution and eventual exploration of space. Ambrose Video Publ., 1978.

**Connections I: Vol. 7, The long chain; Vol. 8, Eat, drink and be merry [DVD]
50 minutes each vol., grades 9-adult (closed captioning available)**

Vol. 7 discusses how materials discovered by accident can alter world history, as in the switch from pitch to copper

protected ship hulls in the 17th Century; vol. 8 traces the history of food preservation from Napoleon's army to refriger-

ation, and the uses of pressurized gases. Ambrose Video Publ., 1978.

**Connections I: Vol. 9, Countdown; Vol. 10, Yesterday, tomorrow and you [DVD]
50 minutes each vol., grades 9-adult (closed captioning available)**

Vol. 9 relates the history of the invention of motion pictures; vol. 10 uses pieces from previous volumes to illustrate

common factors that facilitate change. Ambrose Video Publ., 1978.

The conserving classroom [VHS]

12.5 minutes, grades 4-12

Encourages young people to take responsibility for practicing the three R's (Reuse, Reduce, Recycle) and gives ideas

for recycling activities. Minnesota Environmental Education Board, 1989.

Coollest can [VHS]

10 minutes, grades 3-7

Shows aluminum can manufacturing and recycling processes. Can Manufacturers Institute, 1998.

Crisis: Planet Earth / Into the depths [DVD]

50 minutes, grades 7-adult

Examines Earth's climate and global warming / Studies pollution in the Great Lakes. A&E Television Networks,

c1997 / 1990.

Crunch, smash, trash!: Monster machines that recycle [VHS]

30 minutes, ages 2-10

Uses movement, music and monster machines to show what happens after items are put in recycling bins. In-

Sites Productions, 1994.

David Brower: a conversation with Scott Simon [VHS]

57 minutes, grades 7-adult

Environmentalist speaks on issues including nuclear power, national parks and environmental restoration. Bullfrog

Films, 1995.

**Dealing with waste [VHS]
30 minutes, grades 7-adult**

Shows ways to deal with hazardous and non-hazardous wastes people produce. Green Works, c2000.

**Discovery Project Earth [DVD]
3 discs: 6 hours, 27 minutes total, grades 9-adult**

In 9 episodes, explores some ambitious solutions to climate change, testing them through real-world experiments.

Discovery Communications, c2008.

**The disposable society [VHS]
26 minutes, grades 8-adult**

Examines the simplest solution to the garbage crisis--not creating so much--and looks at the components of garbage in

terms of disposability and what can be done. Films for the Humanities, 1988.

**Do-it-yourself science [DVD] (Bill Nye the Science Guy)
26 minutes, grades 4-8**

Demonstrates how to conduct scientific research with small, simple experiments. Disney Educational Productions, c2003.

**Do the right thing: Recycle [VHS]
8 minutes, grades 7-12**

Shows process of recycling polystyrene food trays from lunchroom collection into pellets for use in making new

products. National Polystyrene Recycling Co., 1990.

**Do the ROT thing: The simple art of home composting [VHS]
25 minutes, grades 7-adult**

Explains principles of composting and demonstrates four approaches for home gardening projects. Alameda Cnty.

Waste Management Authority, 1997.

**Do you know where your garbage is? [VHS]
13 minutes, grades 9-12**

Two animated characters present different ways of handling garbage and the value of separating garbage for compost,

recycling, landfill, etc. and establishing community waste management plans. Cornell Univ., 1991.

**Dollars down the drain: caring for your septic tank [VHS]
24 minutes, grades 5-adult**

Songs, animation and live action explain how a septic system works with guidelines for installation and

maintenance.

Friends of the Crooked River, c1997.

Down in the Dumps [VHS]

26 minutes, grades 9-12

Examines technological approaches to the garbage dilemma, including composting, resource recovery and high-tech

incinerators. Films for the Humanities, 1988.

Down to earth [VHS] (The Nature of things)

46 minutes, ages 10-adult

Presents the importance of outdoor education experiences for elementary and secondary students. Canadian Broadcasting Corp., 1994.

E is for ecology [VHS]

11 minutes, grades K-4

Uses animation to introduce concept of ecology and explain water, air, food and life cycles. Coronet, 1979.

Earth's crust [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Explains how the Earth's surface and its inner mantle differ. Disney Educational Productions, c2005.

Earth's seasons [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows why there are seasons and why it's winter in North America when it's summer in Australia. Disney Educational Productions, c2004.

The Ecological footprint: accounting for a small planet [DVD]

30:30 minutes, grades 7-adult

Introduces a resource accounting tool that measures human demand on the Earth, explores the implications of

ecological deficits, and shows how communities use the Footprint to improve ecological performance.

Bullfrog Films,

c2008.

Eco-logical home [VHS]

30 minutes, grades 7-adult

Chris Ridenhour embarks on the process of making his home more "eco-logical". GreenTraks Studios, n.d.

Economic development of brownfields [DVD]

29 minutes, grades 9-adult

Presents the economics side of infill development, including job creation, tax base expansion, neighborhood improve-

ment and sustainable development. Films for the Humanities & Sciences, c2004.

Energy [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8

Shows how to conduct experiments that transform potential energy into kinetic energy and use falling water to make energy. Disney Educational Productions, c2005.

Energy efficiency and renewables [VHS]

22 minutes, grades 7-12

Gives brief history of energy usage, especially fossil fuels, then presents major sources of alternative and renewable energy (solar, wind, geothermal, hydro and biomass) and stresses energy conservation and student involvement. The Video Project, 1991.

EnviroArt [DVD]

27 minutes, grades 7-12

Shows work of five artists who create art from found objects (trash), ranging from jewelry to elaborate homes. Green Treks Network, Inc., c2005.

Environment: a historical perspective [DVD]

53 minutes, grades 9-adult

Studies the environmental impact humans have had on the planet, and presents perspectives on ecological stewardship for the 21st Century. Films for the Humanities and Sciences, c2004.

Environment: a historical perspective [VHS]

53 minutes, grades 9-adult

Shows environmental impact humans have had on the planet; gives perspectives on ecological stewardship. Films for the Humanities & Sciences, 2000.

Environmental Dog [VHS]

20 minutes, grades 2-6

An ordinary mutt becomes Environmental Dog, teaching his human family to care for the environment by conserving heat, water and electricity, recycling, and storing toxins safely. Pyramid Film & Video, 1990.

Environmental ethics: ideas for classroom discussion [VHS]

40 minutes, grades 11-adult

Provides model for discussing environmental issues; uses land use conflicts to explore biological, economic and emotional impacts. Group Four Teleproductions, 1994.

Environmental issues and human impact [DVD]

22 minutes, grades 9-adult

Discusses the effects of pollution, deforestation, wetland loss, ozone depletion, global warming, agriculture, construction and recreational land use, and how individuals can make a difference. Cambridge Educational, c2006.

The Environmental university [VHS]

29 minutes, grades 7-adult

Students gain real world experience and develop foundations needed to lead in the future. Green Works, c2001.

Erosion [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how the process of erosion can make slow, almost invisible modifications or sudden drastic alterations to the landscape. Disney Educational Productions, c2004.

Exploring the diversity of life: 10 ten-minute programs [VHS]

100 minutes, grades 4-8

Compares organisms and habitats in temperate forests with those in tropical rain forests. Pt.1: World of difference; Go climb a tree; Life in layers; Rain and the forest; Insect diversity. Pt.2: Butterfly garden; Not what they seem; Forest school; Don't be part of the problem; Act with the facts. Environmental Media Corp, 1998.

Farming [VHS] (Bill Nye the Science Guy)

26 minutes, grades 3-7

Uses demonstrations and experiments to show what makes good soil, recycling, and types of farms. Disney Educl. Productions, 1997.

Farming on the edge [VHS]

30 minutes, grades 7-adult

Three small-farm families deal with the pressure of urban sprawl. Green Works for PA, c2000.

Fire and sand [VHS]

13 minutes, grades 4-12

Detailed explanation of glass production, with a brief look at recycling (produced by Owens-Illinois). Beardsley and Assocs., 1982.

Food myths: with John Stossel [DVD]

28 minutes, grades 9-12

Checks out widely-held food beliefs to see if they're fact or fiction (is margarine healthier than butter; does sugar make

kids hyper, etc.). Disney Educational Productions, c2005.

Food web [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on plant growth, decomposition and photosynthesis. Disney Educational Productions, 1994.

Forests [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Explores trees in forests across the country, and shows how fire benefits a forest ecosystem. Disney Educational Productions, c2005.

Forests [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on plant growth, parts of a forest and decomposition. Disney Educational Productions, 1994.

From the ground up [DVD]

10 minutes, grades 7-12

Tells history of Rumpke, Inc. from hog farm to national solid waste hauler, and shows how a landfill is constructed.

Rumpke, c2003. Shown with Recycling is your future.

Full circle [VHS]

26 minutes, grades 7-12

Examines issues of waste management to motivate student involvement in school and community waste reduction,

reuse and recycling programs. Teacher guide: Garbology. Environmental Media Corp., 1991.

Garbage [DVD] Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows ever-expanding landfills from New York to Florida, and the vast amounts of non-biodegradable waste that

humans create. Disney Educational Productions, c2004.

Garbage [VHS] (Bill Nye the Science Guy)

26 minutes, grades 3-7

Provides demonstrations and experiments on the creation of garbage in nature and by people. Disney Educational

Productions, 1995.

Garbage [VHS] (Modern marvels)

50 minutes, grades 5-12

Traces history of garbage handling, presents three methods of disposal (incineration, recycling, landfill) and

explains

economic and ecological impact of each approach, with special attention to toxic wastes and space debris. A&E Television Networks, 1999.

Garbage Day! [VHS]

30 minutes, grades preK-2

Billy and his dad are shown everything that happens in solid waste management, from truck preparations and the

different kinds of garbage trucks to recycling and landfill activities. Child Vision Films, n.d.

Garbage in America [VHS]

20 minutes, grades 7-12

Explains the increasing problems for waste management in a “throw-away-society” and presents solutions in attitude

changes and practicing the three R’s (Reduce, Reuse, Recycle). Grass Valley Disposal, Inc., 1988.

Garbage into gold [VHS]

25 minutes, ages 12- adult

Profiles environmental innovators who are taking recycling to a new level, creating new businesses and jobs that are

both helping the environment and making money. The Video Project, 1995.

Garbage is resource full [VHS]

24.5 minutes, grades 4-12

Offers tips on how to reduce waste by practicing the 4R’s and by shopping “green”. British Columbia Govt. Production

Centre, 1983.

Generation Earth: a look at environmental education [VHS]

44 minutes, grades 9-12

Presents look at a variety of hands-on high school student environmental education and action programs. Earth Endeavors, 1996.

Genetic diversity [DVD] (The Eyes of Nye)

24 minutes, grades 9-12

Discusses evolutionary advantages and risks of sexual vs. asexual reproduction, including scientific theories and

evidence which explain why humans reproduce sexually, how it affects genetic diversity and what sexual selection is.

Disney Educational Productions, c2005.

Genetically modified foods [DVD] (The Eyes of Nye)

24 minutes, grades 9-12

Explores benefits and risks of genetic engineering on crop plants. Disney Educational Productions, c2005.

**Geothermal energy: tapping the earth's heat [DVD]
15 minutes, grades 9-adult)**

Shows how masses of hot, underground granite can be located and accessed to generate steam and produce electricity. Cambridge Educational, c2005.

**Get a grip! [VHS]
13 minutes, grades 7-12**

Program by students, for students, shows how eco-efficiency (doing more with less) produces both ecological and economic benefits. Keep America Beautiful, 1998.

**Get it together [VHS]
28 minutes, grades 7-12**

Positive, fast-paced look at young people transforming their communities and protecting the environment, fighting urban blight as well as pollution. The Video Project, 1993.

**Global climate change [DVD] (The Eyes of Nye)
23 minutes, grades 9-12**

Gives an in-depth look at causes of global warming, including how scientists measure climate change, how carbon dioxide affects atmosphere temperature, and the role of fossil fuels. Disney Educational Productions, c2005.

**The Global environment: Down in the dumps! [VHS]
20 minutes, grades 9-12**

Addresses the issue of garbage, its impact on the environment, including ground water toxins, and examines recycling efforts around the world. Coronet, 1990.

**Global warming: hype or hazard? [DVD]
45 minutes, grades 9-adult**

A former Greenpeace member and other scientists counter alleged sensationalism in the media's coverage of global warming, and call for funds to be spent tackling other environmental issues. Films for the Humanities & Sciences, c2004.

**Global warming: the rising storm [DVD]
2 discs: 57 minutes each, grades 7-adult**

Examines the phenomena of global warming, and looks to a future where other, more deadly impacts are predicted.

Disc 1: Warnings from a warming planet; disc 2: Predictions for a warmer planet. Ambrose Video Publ., c2007.

**Go [VHS]
10 minutes, grades K-2**

Introduces how people rely on energy, where it comes from, why it must be conserved, and how children can

help by

recycling and composting. Bullfrog Films, 1978.

Going green: How to reduce your garbage [VHS]

22 minutes, grades 5-adult

Step-by-step guide to reducing the “unfriendly” impact of a household on the environment. Bullfrog Films, 1991.

Going green: real-world solutions for the environment [DVD]

44 minutes, grades 9-12

Compilation of 12 ABC News stories shows how governments, businesses and individuals around the world are taking

concrete, eco-friendly action. Films for the Humanities & Sciences, c2007.

“Good garbage” [VHS]

19 minutes, ages 9-adult

Shows how much of household waste is recyclable and uses live footage, cartoons, rap and a folk song to demonstrate

the value of a curbside recycling program. Cintia & Leila Cabib, 1995.

Green: the new red, white and blue [DVD]

67 minutes, grades 7-adult

NY Times columnist Thomas Friedman unravels the web of where we get our energy and what we can do to change its

effect on the planet, visiting the front lines of a "green" revolution. Discovery Communications, c2007.

Green Means [VHS]

90 minutes, grades 5-adult

Video companion to book, “Green Means: Living Gently on the Planet”, by Aubrey Wallace contains series of short

programs (ca. 5 min. each) about people who are making a difference in the health of the planet. If you wish to see any of

these programs, ask for **Green Means**, not the title of the particular program. Environmental Media Corp., 1994.

Program 1: The Green cowboy [VHS]

Wyoming rancher Jack Turnell discovered that he couldn't turn his back and ride away from the overgrazed land in this

cattle-rich country. Today, he's finding new ways of grazing cattle that preserve native grasses and leave intact the crucial

river zones of the High Plains. 5:52.

Program 2: Colored cotton [VHS]

Natural, vibrantly-colored cotton in green, beige, and even orange! Sally Fox, a plant breeder and farmer, grows

environmentally-friendly cotton in organic, living color. Not only does the cotton not require chemical processing,

but the

natural fibers don't fade—In fact, the colors become more intense with each washing. You'll see why clothing manufacturers now buy her richly colored fiber as fast as she can grow it. 5:07.

Program 3: The Green architecture of Greg Franta [VHS]

In the snowy town of Boulder, Colorado, some families manage to heat their homes for as little as \$11 a year. Their

“secret” is the energy-efficient architecture of Greg Franta, a designer in the forefront of a growing movement to create

homes that are earth-wise as well as beautiful. 5:16

Program 4: Sewage sanctuary [VHS]

Arcata, California has solved a modern problem the green, old-fashioned way. Instead of building a multimillion dollar

sewage treatment plant, the city transformed a dump into a series of natural ponds filled with waste-consuming plants to

process the town's sewage. Odorless, clean water now pours into the ocean, marine birds flock to the site, and the wetland sanctuary has become a community park. 5:26

Program 5: Urban jungle gets new spin [VHS]

Mark Matsil and a team of volunteers are restoring an oil-polluted Staten Island salt marsh, home to forty percent of the

region's wading birds, and a group of excited schoolchildren follow Matsil's lead to clean up the last remaining meadow

pond on this island. 4:49

Program 6: Neighborhood cleanup [VHS]

It's not in the guidebooks, but if you ask nicely, the Concerned Citizens of Greenpoint will take you on a toxic tour of

their urban habitat, long used as a dumping ground for New York City's waste. For this small citizen-action group rallying to

clean up their Brooklyn neighborhood, Green Means they're not going to take it anymore. 4:44

Program 7: Surfers ride the eco-wave [VHS]

Surf's up, but so is the amount of raw sewage that pollutes the waves and closes our beaches. Meet the Southern

California members of the International Surfrider Foundation, who have taken it upon themselves to clean up their native

habitat. By putting pressure on Los Angeles officials, these surfers are responsible for diverting a storm drain that was

spewing effluent into Santa Monica waters. 4:55

Program 8: Creek kids [VHS]

For the students of Casa Grande High School in Petaluma, California, the polluted Adobe Creek became a rallying

point for their youthful “I Care” energies. Trout and salmon that once spawned in the stream were long gone. Abandoned

refrigerators and old tires stood witness to the onslaught of urbanization and public apathy. Inspired by their teacher, Tom

Furrer, these students cleaned up the creek bed, planted a canopy of trees along the banks, and even set up a fish hatchery to restock the creek. The prognosis is better than good; the salmon have returned to Adobe Creek. 3:48

Program 9: Big city greens [VHS]

It is home to the world’s largest tire-recycling plant. It has one of the most comprehensive citywide recycling programs

anywhere. It even has an inspector who makes surprise checks of trash cans to make sure that recyclables aren’t being

tossed out with the garbage. Is it on another planet? No, it’s Newark, New Jersey - pulled into the 21st century by dynamic mayor, Sharpe James, who shows how his city is changing its reputation. 5:00

Program 10: Barnyard biodiversity [VHS]

Half the livestock breeds in this country are threatened with extinction. Because most American farmers raise only

breeds of chickens, turkeys, cattle and sheep that are economically “efficient”, the genetic library of livestock animals is

quickly shrinking. Former veterinarian Don Bixby shows some “minor breeds” he’s dedicated to preserving, and North

Carolina farmers demonstrate how barnyard biodiversity can be good for business. 5:08

Program 11: Prairie prophet [VHS]

Meet philosopher/farmer Wes Jackson, recipient of a “genius” grant from the MacArthur Foundation. At his Land

Institute in Salina, Kansas, he and his students are studying the ancient, hardy prairie ecosystem to develop a farming

alternative that can maintain valuable topsoil. For Wes, Green Means you can feed the world without destroying it in the

process. 4:52

Program 12: Seeds of life [VHS]

What’s true of plants is also true of people - especially prison inmates. Give them sun and water, and they will grow.

Thanks to Catherine Sneed and the Prison Horticulture Program she created at the San Francisco County Jail, prisoners

sow the seeds for a productive, healthy life by cultivating a lush organic garden. The food they grow is sold to local

restaurants and donated to organizations that feed the homeless. For many of the inmates, tending the garden is a healing process that symbolizes a fresh start. 4:56

Program 13: Long Island Sound keeper [VHS]

Like the English river keeper of old, Terry Backer patrols the Long Island Sound in his boat, keeping an eye

out for

environmental warning signs in a waterway surrounded by industry and by twenty million people. For Backer, Green

Means preserving the Sound as a viable commercial fishing zone and an environmentally healthy ecosystem. 4:45

Program 14: Habitat-forming [VHS]

For Steve Packard, Science Director of Illinois' Nature Conservancy, Green Means that environments once thought to

be lost can be resurrected. When Packard realized that a typical midwestern prairie field in the Northbrook suburb of

Chicago was once a grassland home to oak trees and unique varieties of wildflowers, hawks, bluebirds, and butterflies, he

swung into action, painstakingly tracking down the few remaining examples of indigenous plant life and reintroducing them

to the prairie. 5:08

Program 15: Salmon habitat [VHS]

Billy Frank, Nisqually Indian and recipient of the Albert Schweitzer Prize for Humanitarianism, has been an activist

since the 1960s. He has moved from confrontation to cooperation to ensure Native American fishing rights and to restore

and protect the salmon habitat of Washington State. 4:23

Program 16: Less is more [VHS]

Vicki Robin and Joe Dominquez, gurus of reduced consumption, insist that the key to living harmoniously on the planet

is to want - and use - less. Their proof? They live in Seattle on just \$7500 per year. As Vicki says, over-consumption

threatens old-growth forests more than chainsaws do and causes oil spills as surely as tankers that run aground. Vicki and

Joe have dedicated their lives to getting the word out that if we lower our demand and consume less, we can literally save

the earth. 4:15

Program 17: Guru of old growth [VHS]

Seattle research botanist Jerry Franklin's philosophy of harvesting trees without clear cutting is making him a diplomat in

the timber wars. His "New Forestry" is now being practiced by timber companies who were once at odds with the environmental movement. 4:56

Program 18: Here today [VHS]

Photographers Susan Middleton and David Littschwager are in a race against time to preserve on film America's

vanishing plant and animal species. The poignant beauty of their photographs has become a rallying cry, not an epitaph,

for America's once abundant wildlife. 6:07

Program 19: Crimes against nature [VHS]

Asland, Oregon is home to the U.S. Fish and Wildlife Conservatory, the only wildlife forensic laboratory in the world

dedicated to stopping the \$2 billion trade in endangered species. The lab applies the most sophisticated techniques,

including DNA fingerprinting, in the war against poachers and others who trade in endangered animal body parts. 4:59

Program 20: Tackling Texas toxics [VHS]

Susana Almanza has helped her community confront environmental racism in East Austin, Texas. Through her efforts,

PODER, an acronym for People Organized in Defense of the Earth and her Resources (and meaning "power" in Spanish),

has convinced major oil companies to remove the storage tanks that have blighted local health and landscape for the past

forty years. 5:28

Program 21: Shamans and scientists [VHS]

The traditional knowledge of rainforest healers is being brought to Western medicine by San Francisco-based Shaman

Pharmaceuticals. Lisa Conte, CEO, and her team of ethnobotanists share their profits with the rainforest communities

whose knowledge of medicinal plants is helping to produce effective drugs. 4:19

Program 22: Clean air cabs [VHS]

A taxicab company is one of a growing number of businesses that are converting their fleets to clean-burning, natural

gas fuel, helping to green the nation's capital. U.S. Secretary of Energy Hazel O'Leary waxes optimistic about the future

of this alternative fuel. 5:04

Program 23: Reef relief [VHS]

The fragile reefs of Key West were undefended against damage caused by scuba divers and pleasure boats until Reef

Relief was formed. Through mooring buoys, an educational program, and a campaign to have the area declared a National Marine Sanctuary, this grassroots organization has proved to be a key protector of the reef. 4:59

Program 24: Seeds of change [VHS]

A century ago, plant life in America was extraordinarily diverse. Today, all but three percent of these varieties have

disappeared from the landscape. Thanks to an innovative New Mexican company that collects plants and disseminates

heirloom seeds, almost-lost varieties of fruits and vegetables are being planted again.

Program 25: Seattle spokes [VHS]

For eco-commuters, Seattle is a model American city. Having invested some \$17 million in bike lanes, racks, and other facilities that encourage green commuting, Seattle seems user-friendly to Dr. Steve Adam, one of the ten percent of commuters who have chosen two feet or two wheels as the best way to beat the rush hour and reduce air pollution. 4:00

Program 26: Organic milk [VHS]

Only five dairy farmers remain in the Tomales Bay region of Marin County, once the prime dairy country in California.

One of these is owned by the Straus family, whose innovation in producing the first organic milk west of the Mississippi is a lesson to other small farmers who want to stay on the land. 5:12

Program 27: Nature's collaborator [VHS]

Artist Andy Goldworthy transforms leaves, stones, snow, feathers, ice, and other natural artifacts into environmental sculpture that makes us look with new eyes at nature and our role in it. So vulnerable are his works to the processes of nature that most of them now exist only in the photographs he takes of them. 5:10

Program 28: The Recyclers of Cairo [VHS]

The Zabbaleen are a minority Christian community in Cairo whose women and children have traditionally performed the tedious work of picking through garbage heaps and recycling what is reusable. Meet Laila Kamel, who has shown the Zabbaleen that their labors can be a means to another end. The schools and weaving centers she has helped establish provide an economic foundation for new business built on what others throw away. 4:47

Program 29: Man vs. dam [VHS]

If finished, the James Bay hydroelectric dam in the province of Quebec will flood an area the size of France. Located in the last great wilderness area in eastern North America, the dam has already killed 10,000 caribou, and rotting vegetation is poisoning the waterways with methyl mercury. Leading the battle to stop U.S. utility companies from importing power generated by the dam is Matthew Coon Come, Grand Chief of the Cree Nation, who along with the Inuit, have trapped, hunted, and fished the region for centuries. 6:09

Program 30: The Buffalo return [VHS]

The sixty million bison that once roamed the American plains were all but gone by the year 1900. So, too, was

a way

of life for the Native American tribes that thrived on the buffalo. Today, cattle overgraze these grasslands. Meet Fred Du

Bray, a Lakota Sioux who founded the Intertribal Bison Cooperative to restore the bison to the plains, and with it, the

traditional native culture that depends on the buffalo. 5:59

Program 31: Solar ovens [VHS]

The wood used to fuel cooking has denuded three million acres of forest in Kenya and made respiratory infection from

indoor smoke pollution that country's leading cause of illness. Meet Kenya field specialist Monique Nditu and Daniel

Kammen, Princeton physicist and assistant professor of international affairs, as they train villagers in the construction and

use of an elegant new technology: the solar oven. 5:29

Program 32: Learning from the Lacandonas [VHS]

Is it possible to live in the rainforest without destroying it? The Lacandonas Maya of Chiapas, Mexico, have done so for

centuries. Through a long tradition of what Western scientists would call intercropping, nitrogen fixation, and crop rotation,

the Lacandonas produce a sustainable agriculture of nearly eighty different crops - an agriculture that may be the key to

saving the rainforest. 5:15

Green pacts and greenbacks [DVD]

29 minutes, grades 9-12

Examines the growth of firms that specialize in handling ecological regulatory issues for industry. Films for the Human-

ities & Sciences, c2004.

Greenbacks: the challenge of sustainable development [VHS]

54 minutes, grades 9-adult

Looks at steps major corporations around the world are taking toward environment-friendly solutions that retain

profitability. Video Project, 1992.

Greenways: the way to go [VHS]

27 minutes, grades 7-adult

Describes corridors of open space designed to link people from small towns to urban centers, natural resources, historic sites, etc. Green Treks Studios, n.d.

Ground water video adventure [VHS]

9 minutes, grades 4-7

Jennifer plays an interactive video game to learn how ground water collects in aquifers, forming the water

table, and to

identify threats to the ground water supply from industry, agriculture and individual family members. Water Pollution Control Federation, n.d.

**Growing like a weed [VHS]
29 minutes, grades 6-adult**

Proposes a new philosophy of lawn and garden care that reduces the strain on the environment through organic instead of chemical care. The Video Project, 1992.

**Habitats for learning: Ohio takes a new look at school land labs [VHS]
14 minutes, adult (teachers)**

Overview of using school grounds for teaching and learning, encouraging making use of the outdoors (field, playground or blacktop) for almost any subject. Ohio Dept. of Natural Resources, 1994.

**Handy's kids: Making everyday Earth Day [VHS]
21 minutes, grades 1-6**

Children help parents who commit Crimes of Trashin learn about reducing, reusing, recycling and buying recycled goods to close the gap. Arizona Dept. of Environmental Quality, n.d.

**Healthy style: Show 01/2006 [DVD]
58 minutes, grades 8-adult**

Examines energy efficient buildings, use of recycled and natural materials, hybrid cars, running a "green" B&B, and creating a healthy bedroom. Solterra Studios, c2006.

**Here's My Question: Where Does My Garbage Go? [VHS]
26 minutes. ages k-5**

We all throw out an average of 6 lbs. of garbage everyday. Where does it all go? This film follows garbage to the landfill and then follows our recyclables (newspaper, cans, glass and plastics) to the recycling center. Children lead the way and provide commentary. Award- winning Sesame Street song writers provide the catchy music and lyrics that accompany the videotape. Bullfrog Films, 2000.

**Heroes of the earth [VHS]
40 minutes, grades 7-adult**

Profiles seven Goldman Environmental Prize winners from each continent, and the issues motivating them to action. Video Project, 1994.

Hot potato [VHS]**11 minutes, ages 4-adult**

Non-verbal representation of society's handling of its waste; uses mimes to enact dealing with producing and disposing of wastes. Bullfrog Films, 1987.

Houses in the fields [VHS]**27 minutes, grades 6-adult**

Examines the importance of retaining agricultural land within and near metropolitan areas. Video Project, 1995.

How did this get here? [VHS]**9.5 minutes, grades 7-12**

Discusses the impact of litter on the environment and the behaviors associated with this all too common activity. Keep America Beautiful, Inc., 1992.

How paper recycling works [VHS]**13 minutes, grades 7-12**

Gives information about paper recycling, including which paper can be recycled, the role played by the Resource Recovery Act, and methods for sorting and collecting. American Paper Institute, n.d.

Human characteristics and adaptations [DVD] (The Eyes of Nye)**25 minutes, grades 9-12**

Examines scientific reasons for differences in human appearance, including the role of DNA. Disney Educational Productions, c2005.

Human footprint [DVD]**90 minutes, grades 7-adult**

Examines the impact of humans on the earth, and suggests simple changes to reduce that level of consumption. National Geographic, c2008.

Human transportation [DVD] (Bill Nye the Science Guy)**26 minutes, grades 4-8 programs in English and Spanish**

Shows how humans move around to search for food and shelter, and to meet other humans. Disney Educational Productions, c2004.

Hydrogen Age: energy solutions for the 21st Century**57 minutes, grades 9-adult**

Shows systems in use or development in several countries that incorporate fuel cell technology, avoiding fossil fuel

consumption. Films for the Humanities & Sciences, c2005.

Into the depths [DVD]

See Crisis: Planet Earth / Into the depths

It's Gotten rotten [VHS]

20 minutes, grades 7-12

Introduces the science of composting, focusing primarily on the biology of the invertebrates and microorganisms that

decompose organic matter. Cornell Univ., 1996.

Journey of the blob [VHS] (Look again series)

10 minutes, ages 5-12

Illustrates the water cycle and environmental responsibility through a wordless depiction of a boy's decision about how

to dispose of a green blob he's concocted. Bullfrog Films, 1989.

The Junkyard [DVD or VHS] (Modern marvels)

50 minutes, grades 5-12

Distinguishes "junk" from garbage, explains how scrap yards operate to compress and redistribute materials, and

traces the importance of reusing metals and other materials through history. A&E Television Networks, 2001.

Keep America Beautiful—It's more than a slogan [VHS]

6 minutes, grades 7-12

Examines the nation's challenge in handling its solid waste disposal dilemma and how Keep America Beautiful, Inc. is

educating Americans about recycling and disposal alternatives. Keep America Beautiful, Inc., 1988.

Kids, coal and the environment [VHS]

10 minutes, grades 3-8

Provides overview of coal formation, mining (pillar & longwall techniques), processing, and industry responses to

environmental concerns (reclamation and clean coal technologies). Ill. Dept. of Commerce & Community Affairs, 1996.

A kid's eye view of ecology [VHS]

28 minutes, grades 1-6

Presents lively overview of major environmental issues--pollution, waste recycling, energy, conservation, ozone and

deforestation--and gives encouragement and practical suggestions for solutions. Video Project, 1990.

Kids talkin' trash [VHS]

14 minutes, grades 4-8

Youngsters learn how to make less garbage by practicing the four R's: Reduce, Reuse, Recycle and Rot.

Alameda

County Waste Management Authority, 1995.

Lakes and ponds [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8

Shows water sources and process of formation of freshwater lakes and ponds. Disney Educl. Productions, c2005.

The landfill story [VHS]

17 minutes, grades 4-12

A tour through a commercial landfill operation. Browning Ferris Industries, 1987.

Landfills [DVD or VHS] (What's science got to do with it?)

12 minutes, grades 5-12

Discusses purposes, design and construction of a municipal landfill, how to lengthen its lifespan, and what can be done when one is completely filled. SWACO, 2005.

Less is more [VHS]

27 minutes, grades 7-adult

Shows simple, easy-to-implement green-living techniques that save time and money while helping the environment.

Green Treks Studios, c2002.

Less waste in the first place [VHS]

20 minutes, grades 4-8

A collection of short films showing the importance of packaging and of source reduction concerns; for use with activity

book Flexible Packaging Educational Foundation, n.d.

Life after the curb: recycling processes [VHS]

22 minutes, grades 3-8

A father and daughter on a grocery shopping trip and an animated aluminum can explain the 3 Rs of Reduce, Reuse &

Recycle and show how various recycled products are made. Cornell Waste Management Institute, n.d.

Life cycle of a consumer product [VHS]

9.5 minutes, grades 7-12

Examines the manufacture, use, repair or recycling, and disposal of a consumer product from an eco-system perspective. Univ. of Minnesota, 1991.

Life cycles [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how all living things grow, reproduce and die in cycles. Disney Educational Productions, c2004.

Magic recycling [DVD]**4 minutes, grades 2-5**

Presents three skits produced during an "EcoArt Camp" program: two witches learn to recycle; the Sorting Trash Can;

Recycling is Magic (rap song). New Albany Schools, 2007(?)

The man who planted trees [VHS]**30 minutes, grades 6-adult**

Based on book by Jean Giond, Frederic Bach animates story of a shepherd who single-handedly transforms a barren

alpine land by planting thousands of tree seedlings. Video Project; Canadian Broadcasting Corp., 1987.

Managing greenwaste and special waste [DVD] (Our urban environment: solid waste management)**49 minutes, grades 9-12**

Part 1 discusses challenges of backyard and community composting; part 2 covers ways to handle hazardous wastes.

Films for the Humanities & Sciences, c2004.

Microorganisms [DVD]**18 minutes, grades 9-adult**

Explores the variety of microbial species, including bacteria and viruses, and tells the history of microbiology and

prospects for the future. Cambridge Educational, c2005.

The mighty river [VHS]**24 minutes, grades 5-adult**

Blends animation, poetic narration and music to trace the history of the St. Lawrence River from its bountiful early days

to the effects of modern civilization. Canadian Broadcasting Corp., 1993.

Miracle planet: Episode 1, The Violent past [DVD]**50 minutes, grades 9-adult**

Visualizes the chaotic creation of the Earth and the earliest forms of life on the planet. Ambrose Video Publ., c2005.

Miracle planet: Episode 2, Snowball Earth [DVD]**50 minutes, grades 9-adult**

Presents theories on how life forms survived the first millions-of-years-long ice age, which occurred over two billion

years ago. Ambrose Video Publ., c2005.

Miracle planet: Episode 3, New frontiers [DVD]**50 minutes, grades 9-adult**

Recreates the adaptations of life forms which came from the ocean to breath oxygen from the air, support their

weight

on land, and spread across the globe. Ambrose Video Publ., c2005.

Miracle planet: Episode 4, Extinction [DVD]

50 minutes, grades 9-adult

Tracks the appearance, growth and extinction of dinosaurs on Earth, and the rise of mammals as the dominant life

form. Ambrose Video Publ., c2005.

Miracle planet: Episode 5, Survival of the fittest [DVD]

50 minutes, grades 9-adult

Follows the evolutionary pathway that brought humans to dominance on the planet, and questions our role in future

development of life on Earth. Ambrose Video Publ., c2005.

Mister Rogers talks about the environment [VHS]

26 minutes, ages 3-6

Mr. Rogers and Mr. McFeely visit the local recycling center to see what happens to the cans & bottles they've collected;

in the Land of Make Believe all the dumps are full, so a new solution must be found. Family Communications, Inc., 1990.

The murky water caper: A real fish story [VHS]

30 minutes, ages 5-10

Introduction to water pollution and conservation told as a musical detective story. The Video Project, 1993.

Myths, lies, and downright stupidity!, part 1: with John Stossel [DVD]

40 minutes, grades 7-12

Stossel motivates students to analyze, investigate and form their own opinions on ten questions: does being in the

cold give you a cold; is life getting worse; can money buy happiness, etc. Disney Educational Productions, c2004.

Myths, lies, and downright stupidity!, part 2: with John Stossel [DVD]

40 minutes, grades 7-12

Stossel motivates students to examine ten more questions, such as: do strange things happen when the moon

is full; are SUVs safer to drive than cars; should you avoid swimming after eating, etc. Disney Educational

Productions, c2004.

Myths, lies and nasty behavior: with John Stossel [DVD]

37 minutes, grades 9-12

Stossel motivates students to challenge popular opinions on issues such as outsourcing, gas prices, pork-barrel spending, litter, suburban sprawl, etc. Disney Educational Productions, c2005.

**Nature's recyclers [VHS]
10 minutes, grades K-5**

A cartoon talking mushroom explains the role of decay in nature to recycle nutrients, the problems litter causes, and the importance for humans to practice recycling. Wisconsin Dept. of Natural Resources, 1992.

**New Albany K-1 ENN [DVD]
9 minutes, grades K-1**

Shows the morning in-school television program celebrating Earth Day with the SWACO mascot character, Friend Lee
Earth. New Albany, OH Schools, 2008.

**The Next Industrial Revolution [DVD]
55 minutes, grades 7-adult**

Explores how businesses are transforming themselves to work with nature and enhance profitability. Bullfrog Films,
c2002.

**No deposit -- no return [VHS] (Fueling the future)
60 minutes, grades 7-12**

Looks at the nation's growing waste problems and how recycling programs and waste reduction efforts can combat the problem. Front Range Environmental Media Corp., 1988.

**Nuclear energy [DVD] (The Eyes of Nye)
25 minutes, grades 9-12**

Weighs the risks and advantages of using nuclear power, and shows a nuclear reactor and a proposed nuclear waste site. Disney Educational Productions, c2005.

**Ocean exploration [DVD] (Bill Nye the Science Guy)
26 minutes, grades 4-8 programs in English and Spanish**

Shows special tools required for investigating the ocean and why studying the ocean is crucial to life on land. Disney Educational Productions, c2005.

**The original recyclers [VHS]
10 minutes, grades 7-12**

Overview and brief history of the scrap industry and its impact on recycling metals, paper, glass, textiles and plastics into new products. Institute of Scrap Recycling Industries, Inc., n.d. stresses the importance of reducing the waste we generate and buying recycled products to "complete the loop".

Our planet Earth [DVD]

22 minutes, grades 7-12 (teacher's guide available online)

Introduces geological time, relative and absolute age dating, and the composition of the Earth. Cambridge Educational, c2006.

**OWL/TV Series IV [VHS] (Nature and science discovery)
each program 27 minutes, ages 7-12**

An imaginative approach to a range of subjects including animals, science experiments, our bodies, the future, ecology and how kids can have an impact on their own environment. Each program contains several documentary and dramatic segments linked by animation and humor. Bullfrog Films, 1990. Request individual programs.

OWL Program 31 [VHS]

Includes segments on leaf cutter ants, gorillas, banana slugs, bees, giant cockroaches, the knee joint, and **noise pollution**.

OWL Program 32 [VHS]

Includes segments on fish trawling, swan rescue, insects, electric ray, fruit bats, and **water pollution**.

OWL Program 33 [VHS]

Includes segments on coral reef life, dolphins, polar bears, peccaries, seed propagation, seals and **composting**.

OWL Program 34 [VHS]

Includes segments on killer whales, bird watching, weevils, alpacas, wildlife reserve, bionics, and **packaging**.

OWL Program 35 [VHS]

Includes segments on boa constrictors, pet care, monkeys, insect collectors, and **cloth vs. disposable diapers**.

OWL Program 36 [VHS]

Includes segments on fish and lake management, terns, toucans, elephants, frogs, and an **ecology rap**.

OWL Program 37 [VHS]

Includes segments on red wolves, dog therapy, invitro fertilization, prairie dogs, bone structure, **water pollution and litter**.

OWL Program 38 [VHS]

Includes segments on marine life, zoo volunteers, tapirs, lizards, foxes, teeth, and **recycling clothing**.

OWL Program 39 [VHS]

Includes segments ontoads, tree frogs, electric eels, crocodiles, spiders, and **lunchroom litter**.

OWL Program 40 [VHS]

Includes segments on **sea otters and oil pollution**, rare magpie robins, insects and spiders, slime eels, giant

tortoises,

compost, and alternative cleaners.

Pale male [DVD] (Nature)

54 minutes, grades 6-adult

From the PBS series, Joanne Woodward narrates the story of a red-tailed hawk who made a Fifth Ave. apartment building his home. Questar, 2004.

Patterns [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how the brain deals with all the bits of information it collects by finding patterns. Disney Educational Productions, c2004

Pay-as-you-throw [VHS]

82.5 minutes, grades 10-adult

Contents: Module 1: Getting to know Pay-as-You-Throw (15 min.); PSA: Back by popular neglect (30 sec.) and Module 2: Implementing PAYT (62 min.); PAYT in the news (6 min.). U.S. EPA, 1998.

PET recycling: the #1 success story [VHS]

10 minutes, grades 4-adult

Shows manufacture of a plastic bottle, the many ways PET plastics can be used, and the process of recycling them. NAPCOR, 2002.

Phases of matter [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

A steel mill tour helps demonstrate that matter exists in three phases: solid, liquid and gas. Disney Educational Productions, c2003.

Phases of matter [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on solid, liquid and gaseous forms of matter. Disney Educational Productions, 1993.

Planet Earth: Prepare to see it as never before [DVD]

5 discs: 10 hours, 30 minutes total, grades 8-adult

The 11 part series journeys over the earth, photographing from the highest peaks to the deepest oceans. Disc 1: Pole to pole; Mountains; Deep ocean -- Disc 2: Deserts; Ice worlds; Shallow seas -- Disc 3: Great plains; Jungles; Fresh water -- Disc 4: Seasonal forests; Caves -- Disc 5: Planet Earth: the future. Discovery Communications, c2007.

Planet Earth: the future [DVD]

55 minutes, grades 8-adult

As companion to the Planet Earth series, discusses what the future may hold for the most endangered wild animals and places, including humans. Segments include: Saving species; Into the wilderness; Living together. Discovery Communications, c2007.

Planet Earth: Episode 1: the living machine [VHS]

58 minutes, grades 8-adult

With narration by Richard Kiley, examines evidence for the theory of plate tectonics. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet Earth: Episode 2: the blue planet [VHS]

58 minutes, grades 8-adult

Explores the geologic and geographic forces, and unusual life forms, found in and under the oceans of the world. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet Earth: Episode 3: the climate puzzle [VHS]

58 minutes, grades 8-adult

Examines milestones in climate science to reveal a half-million year history of Earth's weather, and project its future. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet Earth: Episode 4: tales from other worlds [VHS]

58 minutes, grades 8-adult

Looks at other planets for clues about Earth's history and its future. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet Earth: Episode 5: the solar sea [VHS]

57 minutes, grades 8-adult

Examines the sun and its power, including solar wind, sunspots and flares, and the Aurora Borealis. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet Earth: Episode 6: gifts from the Earth [VHS]

57 minutes, grades 8-adult

Investigates the dwindling store of mineral resources used in modern technology. Metropolitan Pittsburgh Public Broadcasting, c1986.

Planet in peril: a CNN worldwide investigation [DVD]

2 discs: ca 60 minutes each, grades 7-adult

Filmed in 13 countries, documents today's threats to the world's environment and their impact on tomorrow.

Cable

News Network, c2007.

The Planets [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Examines the solar system and each of its planets and moons. Disney Educational Productions, c2005.

Plants [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on plants, seeds, photosynthesis and transpiration. Disney Educational Productions,

1994.

Plasma waste converter [VHS]

See Startech Environmental Corp.: plasma waste converter

Plastic recycling today [VHS] (SEPUP)

12 minutes, grades 7-12)

Shows how plastics packaging can contribute to the waste problem solution through collection, sorting and recla-

mation processes to make new products. Lab-Aids, c1988.

Plastics recycling: A strategic vision [VHS]

8 minutes, grades 5-12

Introduces the four basic parts of the plastics recycling process. Plastics Recycling Foundation, 198_.

Plastics recycling today: A growing resource [VHS]

12 minutes, grades 6-12

Explores the importance of plastics in modern consumer products and shows the steps involved in commercial recycling

of plastics. The Society of the Plastics Industry, Inc., 1988.

Pollution solutions [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Demonstrates how important it is for all humans to prepare for the future by recycling, researching and developing new

solutions to combat pollution. Disney Educational Productions, c2005.

Pollution solutions / Archaeology [VHS] (Bill Nye the Science Guy)

Each segment 26 minutes, grades 3-7

Pollution Solutions: What are some causes of pollution? Why can't pollution leave the earth? How is pollution carried

and spread? Archaeology: How do we know how ancient people lived? What do we call objects archaeologists find?

How can archaeologists paint pictures of the past? Disney Educational Productions, 1995.

Population [DVD] (The Eyes of Nye)

24 minutes, grades 9-12

Examines human demographic issues around the world, and shows how education and industrialization can affect

population. Disney Educational Productions, c2005.

Population six billion [VHS]

58 minutes, grades 9-adult

Examines the effects of population growth on world environment and economy, featuring UN programs in Vietnam,

Uganda and Mexico. Films for the Humanities & Sciences, 2000.

Populations [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Explores how groups of animals and people compete for food, homes and living space. Disney Educational Productions, c2005.

Pseudoscience [DVD] (The Eyes of Nye)

26 minutes, grades 9-12

Shows how to examine claims scientifically, exposes techniques used by psychics, and demonstrates the science in

walking on flaming coals. Disney Educational Productions, c2005.

Pseudoscience [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how science can be used to test ideas, myths and inexplicable happenings. Disney Educational Productions,

c2005.

Rain forest rap [VHS]

6 minutes, grades k-12

Upbeat music video about the importance of the rainforest ecosystem and the plants, animals and people it supports,

with suggestions for student involvement. World Wildlife Fund, 1988.

Recycle [VHS] (Protecting our environment)

16 minutes, grades 4-8

Explains recycling and its importance. AIMS Media, 1990.

Recycle Rex [VHS]

11 minutes, grades K-3

Animation dinosaur and friends discover it's up to them to help solve the growing trash problem by using the 3 R's.

Disney Educ'l Productions, 1993.

Recycle that trash [VHS]**18 minutes, grades 3-6**

Chronicles a classroom project as students visit landfills, transfer stations and recycling centers, and learn the importance of conservation and recycling. Pyramid Film & Video, 1990.

Recycle this! [VHS]**37 minutes, grades 7-12**

A Rock 'N' Roll and Recycling concert and multi-media presentation taped live at Reseda (CA) High School mixes

songs, skits and information about the 3 R's. Dow Chemical Co., 1990.

Recycling [VHS]**5 minutes, grades 5-12**

Four high school boys identify recyclable materials at school and home and then show what happens at a municipal

solid waste recycling center. Upper Arlington High School, 2005.

Recycling [VHS] (Our fragile earth)**16 minutes, grades 7-12**

Presents overview of wasteful habits and the need for recycling, and focuses on how students can be a part of the

solution. The Video Project, 1991.

Recycling is fun! [VHS]**12 minutes, grades K-4**

Three students visit a landfill recycling center and grocery store to learn about the 3 R's. Bullfrog Films, 1991.

Recycling is your future [DVD]**10 minutes, grades 7-12**

Explains how to prepare various materials for pickup or drop off, and shows how they are separated, sorted and prepared for processing into recycled products. Rumpke, c2002. Order under title: From the ground up.

Recycling is your future [VHS]**10 minutes, grades 2-8**

Overview of recycling, including consumer preparation of materials that Rumpke, Inc. accepts for recycling, how they are

processed, and samples of recycled products. Columbus, OH: Rumpke Consolidated, 2002.

The Recycling loop: buy recycled [VHS]**28 minutes, grades 7-adult**

Shows how to "close the loop" through purchasing decisions. Green Treks Studios, n.d.

Recycling program [VHS]**7 minutes, grades 3-8**

Covers the what, why and how of recycling, featuring the Owens Illinois Glass company's efforts. Toledo, OH:

Beardsley & Assocs., 1987.

A recycling trilogy [VHS]

60 minutes, grades 7-12

Contents: part 1, They call it the waste stream (22 min.) shows what creates garbage; part 2, Swimming upstream

(14 min.) explains how local government works to solve problems of solid waste; part 3, Space Station Earth (24 min.)

presents need for and methods used to reduce, reuse and recycle. Solid Waste Div. of Snohomish County (WA), 1987.

Recycling...using it once is never enough [VHS]

23 minutes, grades 7-12

Gives an Ohio focus on the problem of increasing garbage and stresses the need for everyone to participate in the

recycling solution. Ohio Dept. of Natural Resources, 1988.

Reduce [VHS] (Protecting our environment)

14 minutes, grades 4-8

Discusses ideas on how to reduce the amount of garbage being thrown away, including use of "green" shopping

strategies. AIMS Media, 1990.

Regionalization / Solid waste management success stories [DVD] (Our urban environment: solid

waste management)

52 minutes, grades 9-12

Part 1 presents pooling of resources across political boundaries as a partial solution to the problem of landfill capacity;

part 2 summarizes the series, featuring success in diverting recyclables, greenwaste and special waste from the

municipal solid waste stream. Films for the Humanities & Sciences, c2004.

The Resource Revolution [VHS]

30 minutes, grades 7-12

High school student from the future "reports" on the history of solid waste disposal and society's realization of the

importance of recycling, and shows reuses of plastics and student involvement in the resource revolution.

American

Plastics Council, 1992.

Rethink— Pollution Prevention Pays [VHS]

10 minutes, grades 7-12

Argues for the need to add “Rethink” to the 3 R’s of conservation, and shows how preventing pollution helps the environment, saves resources, and improves a businesses’ bottom line. Bullfrog Films, 1995.

The Return of the Cuyahoga [DVD]

57 minutes, grades 7-adult

Documentary recounts history of the river running through Cleveland, including industrial growth and pollution, and the rise of a political movement seeking to end that pollution. Bullfrog Films, c2008.

Return to sender: a story about littering [VHS]

13 minutes, grades 2-6

Jennifer becomes aware of her littering habits when the trash pieces start appearing in her bedroom each night, and she goes on a dream trip through her trash-strewn neighborhood. Disney Educational Productions, 1991.

Reuse [VHS] (Protecting our environment)

13 minutes, grades 4-8

Demonstrates practical ways consumers can reuse products and product containers. Everything from car parts to diapers. AIMS Media, 1990.

Rivers and streams [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Tracks the origins of bodies of flowing water and their impact on human life. Disney Educational Productions, c2005.

Rivers and streams [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on rivers and their ecosystems. Disney Educational Productions, 1995.

Rocks and minerals [DVD]

23 minutes, grades 7-12

Ranging from the Mohs Scale and specific gravity to silicates, carbonates and halides, delves into the composition properties and classification of rocks and minerals. Cambridge Educational, c2006.

Rocks and soil [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how volcanoes, landslides, tectonic plates, rivers and weather affect the creations of rocks and soil, how to find fossils, and why quartz is important in watches. Disney Educational Productions, c2005.

The rotten truth [VHS]

28 minutes, grades 3-7

Based on the premise, “You can’t make nothing from something,” explores the problems and solutions of garbage/

disposal, including landfill, incineration, recycling and reduction. Children’s Television Workshop, 1990.

Scientific spin doctors [DVD] (The Environment: when politics and industry intersect)

29 minutes, grades 9-12

Considers the consequences of exploiting science to shape public policy. Films for the Humanities & Sciences, c2004.

The search for clean air [VHS]

57 minutes, grades 9-adult

Presents exposition on the problems of air pollution--its causes, effects on forests, streams and human health, and

issues in correcting the problems. Films for the Humanities, 1994.

A Sense of wonder [DVD]

55 minutes, grades 7-adult

On location in Maine film of a one-woman play, Kaiulani Lee uses Rachel Carson's own words to depict Carson in the

final year of her life. Sense of Wonder Productions, c2009.

Simple things you can do to save energy [VHS]

15 minutes, ages 8 and up

Humorous approach to teaching lessons about energy use and providing practical conservation tips. The Video Project, 1992.

Simple things you can do to save energy in school [VHS]

15 minutes, ages 8 and up

Humorous, special effects-filled tour of a “typical” school shows how energy is often wasted, and how students can help

their school become more energy efficient. The Video Project, 1995.

Sixth extinction: the human role [DVD]

51 minutes, grades 9-adult

Assesses the role of humans in the increasing rate of species disappearance. Films for Humanities and Sciences,

c2005.

Solid waste management success stories [DVD]

See Regionalization / Solid waste management success stories

Space exploration [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows the tools humans invent to explore space. Disney Educational Productions, c2004.

Sports [DVD] (The Eyes of Nye)
24 minutes, grades 9-12

Shows the physics behind sports, looks at the mental aspects of athletic endeavor, and explores why people play and watch sports. Disney Educational Productions, c2005.

Startech Environmental Corp.: plasma waste converter [VHS]
10 minutes, grades 7-12

Hosted by Charleton Heston, introduces a system to recycle wastes, including hazardous materials, into useful fuel and other products. American Environmental Review, n.d.

Steel--America's most recycled material [VHS]
7 minutes, grades 4-12

Discusses evolution and growth of steel recycling and the current solid waste crisis. Steel Can Recycling Institute, n.d.

Steel--the recycled material [VHS]
9 minutes, grades 9-12

Traces history of the industry's efforts to raise public awareness of the recyclability of steel, and the importance of doing so. The Steel Recycling Institute, 199_.

Storms [DVD] (Bill Nye the Science Guy)
26 minutes, grades 4-8 programs in English and Spanish

Shows what happens when masses of air collide and how hurricanes and typhoons distribute the Earth's heat. Disney Educational Productions, c2005.

Sustainability [DVD]
16 parts: 99:23 minutes total, grades 7-adult

Offers examples of how Wal-Mart and Sam's Club have become involved in sustainable development for various products, buildings and operations. Wal-Mart/Sam's Club, 2008?

Symbiosis: nature's delicate balance [VHS]
16 minutes, grades 7-12

Explores the web of life and the co-existence of humans with the environment. Disney Educational Productions, n.d.

Taking back our trash [VHS]
28 minutes, grades 9-adult

Demonstrates how to reduce the amount of residential, commercial and industrial waste going into landfills. Alameda County (CA) Waste Management Authority, 1993.

Tampering with nature: with John Stossel [DVD]
40 minutes, grades 7-12

Stossel motivates students to investigate issues such as genetic engineering, cloning, global-warming, etc.
Disney
Educational Productions, c2004.

There goes a garbage truck [VHS] (Real wheels)
30 minutes, ages 3-8

Dave and Becky explore the trucks and machinery involved in collecting and handling solid waste materials, including recycling. Warnervision, c1997.

Think globally, eat locally [DVD]
24 minutes, grades 5-8

Host Anika Hawkins guides viewers from restaurants to supermarkets to farms in order to show the values of eating food grown locally and organically, thereby supporting sustainability. GreenTreks Network, Inc., c2005.

Time [DVD] (Bill Nye the Science Guy)
26 minutes, grades 4-8 programs in English and Spanish

Shows various ways humans have measured time, and explains Einstein's Theory of Relativity. Disney Educational Productions, c2004.

Time and time again--recycle [VHS]
15 minutes, grades 7-12

Program made by students discusses the trash crisis and shows steps involved in the recycling process.
Johnson & Son, 1994.

Tina's Journal [VHS]
17 minutes, grades 5-12

Follows a teenager's growing knowledge and enthusiasm for the benefits of recycling and reducing waste. The Video Project, 1994.

Tinka's Planet [VHS]
12 minutes, grades 3-6

Introduction to the need for recycling by following a student as she visits a local recycling center and inspires the neighborhood to join in. The Video Project, n.d.

Toast [DVD]
12 minutes, grades 3-adult

Traces the energy use involved in the production and distribution of a loaf of bread, from oil wellhead to

toaster.

Bullfrog Films, c1974.

Toxic Waste [VHS]

58 minutes, grades 9-adult

Dramatization of union leader's toxic waste dilemma, plus information on organic chemistry, food chains, new plastics,

development in waste treatment and government, industry, and public roles. Bullfrog Films, 1992.

Traces of today [VHS]

12 minutes, grades 7-12

Gives historical look at waste in the U.S. from cliff dwellers to the present, shows how archaeologists use dumps to

learn about cultures, and presents the need for recycling and reusing products to reduce the quantities of garbage. Dow

Chemical Co., 1991.

Transportation [DVD] (The Eyes of Nye)

24 minutes, grades 9-12

Explains the environmental impact of American car culture. Disney Educational Productions, c2005.

Trashing the oceans [VHS]

8 minutes, grades 4-12

Graphically explores the devastating impact of plastic debris on marine life; shows how litter is a problem even on

remote uninhabited areas. Saltwater Productions, 1988.

Trees, toilets and transformation: inspirations from El Salvador [VHS]

28 minutes, ages 13-adult

Explores practical and ingenious methods used by people of El Salvador to reclaim land, water and forests. Video

Project, 1996.

Trip to Kurtz Bros., Inc. [VHS]

14 minutes, grades 3-8

Visit to facility where scrap wood products are converted to compost, then mixed with dirt and sand to form topsoil for

landscaping. SWACO, n.d.

Tropical rainforest [DVD]

50 minutes, grades 6-12

Illustrates the diversity and beauty of life in tropical rainforests, as seen in IMAX theatres; contains 8 language tracks

(English, French, Spanish, German, Dutch, Japanese, Korean and Mandarin). Science Museum of Minnesota, c1992.

Up close & toxic [DVD] (The Nature of Things)

44:38 minutes, grades 6-12

Surveys long term effects of indoor pollutants, such as cleaning products, pesticides, paint dust, lead particles or plastic toys, and provides tips for safer practices. Bullfrog Films, c2002.

Urban garbage: landfill or recycle? [DVD]

14 minutes, grades 9-adult teacher guide online

Shows how Toronto and Halifax are transitioning from a "bury it all" strategy to multistage recycling for the whole community. Cambridge Educational, c2005.

Wake Up, Freddy [VHS] (Freddy films)

21 minutes, grades 2-7

Visual portrayal set to jazzy music shows the production and transportation of electricity, water and bread to Freddy's home, and what happens to the waste products from his morning routine. Bullfrog Films, 1993.

Walk in the rain forest with Dr. Jim Duke [VHS]

21 minutes, grades 9-adult

Introduction to medicinal and other used of rain forest plants, and the practice of "extractivism". Environmental Media Corp., 1994.

Waste [VHS]

29 minutes, grades 7-adult

Connects consumer habits, from individual to multinational, with the problem of waste and gives examples of generation, disposal and reuse of a variety of wastes. Bullfrog Films, 1984.

Waste generation, characterization, collection, transfer, and disposal [DVD] (Our urban environment:

solid waste management)

45 minutes, grades 9-adult

Defines the constituent parts of municipal solid waste stream, and discusses methods of handling them. Films for the Humanities and Sciences, c2004.

Waste hierarchy [VHS] (SEPUP)

10 minutes, grades 7-12

Highlights discussion questions for finding and handling hazardous wastes, and explains process and concerns in incinerating them. Lab Aids, c1991.

Water cycle [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Demonstrates phases of the water cycle: evaporation, condensation, precipitation, and collection. Disney Educational Productions, c2005.

Water cycle [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on the water cycle and the gas, liquid, solid states of water. Disney Educational Productions, 1995.

Well built, green built [VHS]

30 minutes, grades 7-adult

Shows what makes a building "green" and benefits of using green architecture. Green Works, c2003.

Wetlands [VHS]

27 minutes, grades 7-adult

Explores how wetlands filter out pollutants and provide habitat for unique plant and animal species. Green Works, c2003.

Wetlands [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows how swamps, bogs and marshes help control floods, filter water, and provide habitat for many living things.

Disney Educational Productions, c2003.

Wetlands [VHS] (Bill Nye the Science Guy)

24 minutes, grades 3-7

Demonstrations and experiments on wetlands (including marshes, swamps and bogs) and estuaries. Disney Educational Productions, 1995.

The white hole [VHS]

10 minutes, grades 5-12

Animation film about the sudden appearance of a small black hole that gobbles up everything, even toxic wastes, and

all seems wonderful until a white hole appears and begins regurgitating everything. Bullfrog Films, 1990.

Who keeps America beautiful? [VHS]

3 minutes, grades 5-12

The answer is, it's all of us, you and me, in this song and image clip anti-littering motivational film. Armstrong

Information, 1986.

Why "waste" a cool planet: MSW solutions to global climate change [VHS]

133 minutes, grades 8-adult

Record of the Climate & Waste Satellite Forum national discussion on practical steps for businesses and municipalities to curb greenhouse gas emissions. Washington, D.C.: U.S. EPA, 2000.

Why waste a second chance? [VHS]

11 minutes, grades 7-adult

Gives examples and explains the steps involved in the establishment of a successful community recycling program.

National Assn. of Towns and Townships, 1989.

Wind [DVD] (Bill Nye the Science Guy)

26 minutes, grades 4-8 programs in English and Spanish

Shows a wind farm and windsurfers to demonstrate ways to harness the power of wind. Disney Educational Productions, c2005.

Wired: a day in the life of energy [VHS]

57 minutes, grades 7-adult

Shows how renewable energy options provide solutions to problems associated with conventional sources. Green

Works, c2003.

Working together for a healthier planet [VHS]

15 minutes, grades K-5

Presents the case for plastics as a positive contributor to reducing the garbage crisis by its lower energy costs and

recyclability. American Plastic Council, n.d.

Worm bin creatures: alive through a microscope [VHS]

32 minutes, grades 2-adult

William Hatch narrates as various worm bin creatures search for food and shelter. Flowerfield Enterprises, c1998.

Wormania! [VHS]

26 minutes, grades 3-8

Songs and special effects combine with microscopic views, models and graphics to show how worms move, eat, breed,

and contribute to ecology. Flowerfield Enterprises, 1995.

Yes I can [VHS]

15 minutes, grades K-3

Animation tale of a juice can, hot sauce bottle and newspaper as they progress from a smelly trash can to being recycled into new products. Steel Recycling Institute, 1994.

You can't grow home again [VHS]

58 minutes, grades 2-7

A four-part introduction to the biodiversity of plant, insect and other animal life of the Costa Rican rainforest

and its

conservation issues. Children's Television Network, 1990.

Part 1: Off to the rainforest (18:40); Part 2: The great unknowns (11:30);

Part 3: Who lives there? (12:10); Part 4: Rainforest and people (15:50)

Youth action [VHS]

28 minutes, grades 7-adult

Shows young people taking action to preserve and protect the environment. Green Works, c2002.

Zero waste in the school cafeteria [VHS]

11 minutes, grades 6-12

Describes pilot project at Walton MS for the use of school lunch wastes in making compost. Separation of organic

materials is eased through use of biodegradable plastic utensils and bags. Earth Communications, 1998.

EDUCATION KITS

304.28 Gra

Graffiti hurts: care for your community. Stamford, CT: Keep America Beautiful, Inc., 1999.

Kit contains program manual (47 p.), booklet "Eradication and Restoration" (19 p.), t.g. (47 p.), video (3 min.), poster, assorted PSA materials.

333.7 Ste

Stevenson, J.K. Lots and lots of pippindotz. Dow Chemical, 1991.

Kit contains book (38p); cassette (13 min.); game; resin sample pack; teacher guide.

338.02 Air

Air to earth. Washington, D.C.: North American Assn. for Environmental Education, 2000.

Kit contains teacher guide (74 p.); video: Reuse a shoe (10 min.), The power of one (2 min.); poster; samples of Nike Grind and shoe parts.

363.72 Fuq

Fuqua, Paul. The garbage story: dealing with solid waste disposal. United Learning, 1996.

Kit contains video (21 min.); set of 10 blackline masters; teacher guide.

363.728 Bon

Bontal, Jean F. Recycloing: mining resources from trash. Ithica, NY: Cornell Univ., 1990.

Kit contains activities manual (32 p.); 1 large and 4 small posters.

363.728 Die

Dietz, Cyndra. Reduce, reuse, recycle: a waste reduction activity kit. Eco-Cycle, Inc., rev.

1998.

Kit contains 3 bags, 4 boxes of activity materials (landfill, pre-cycling, resource matching, papermaking, recycling);

bag of game pieces; teacher guide (incls overheads & slides).

363.728 Do

Do landfills really work? rochester, NY: Neo/Sci, 1999.

Kit contains teacher guide (6 p.); 9 student activity sheets; various equipment & materials for lab activity.

363.728 Mis

Mission papers: from Resource Control. Washington, C.C.: U.S. EPA, 2000.

Kit contains 4 activity books: Follow that Trail (8 p.), Case of the Broken Loop (8 p.), Planet Protectors Create

Less Waste in the First Place! (8 p.), Trash and Climate Change (8 p.); sample certificate and membership card.

363.728 Rec

Recycle team. Los Alamitos, CA: Southwest Regional Laboratory, 1992.

Kit contains poster; recycle game "Down in the Dumps"; student booklet; 2 parent leaflets; teacher guide (includes black-line masters & Spanish vocabulary list).

363.728 Rin

Ring leader recycling program. Itasca, IL: ITW Hi-Cone, 2003.

Kit contains t.g., ring collection "tree" of recycled plastic, video (8 min.), poster, activity sheets, sample 6-pack ring.

363.728 Sch

Schwartz, Peter. Reduce waste: recycling and managing waste. Intelimation, 1991.

Kit contains manual (15pgs.) and video (25 min.).

363.728 Usi

Using trash: How you can rethink, reuse, reduce, recycle and rebuild / COSI (Columbus, OH). Scholastic, Inc., 1993.

Kit contains big book; 8 student books; book of worksheet masters; family activity worksheets (in 6 languages);

21 paper-back books (3 titles); poster; video (8 min.); computer disk (Mac); bag of nonconsumable materials for experiments.

363.7394 Low

Low cost water monitoring kit. Alexandria, VA: Earth Force, n.d.

Kit contains manual (33p.) in English & Spanish versions; water collection jar, with test tubes, droppers, color

charts, thermometer strips and chemicals for testing pH, bacteria, oxygen, etc. levels in well or stream waters.

363.7394 Str

Strange days on Planet Earth. Washington D.C.: National Geographic, c2008.

Kit contains 4 student activity sheets, teacher guide, poster, DVD of film clips to accompany Activity Guide.

375 Cyc

Cycles for science. Pittsburgh: Steel Recycling Institute, c1995-1997.

Kit contains high school curriculum supplement guides for Biology (57p.), Chemistry (52p.), General/Earth

Science (56p.), Physics (56 p.) and Community Volunteer Projects (30p.); 2 posters, 1 VHS video, "World of Steel" (1:30 min.).

552 Roc

Rock and mineral set. Columbus: Ohio Dept. of Natural Resources, n.d.

Kit contains samples of ten Ohio rocks and minerals; sheet of descriptions; geologic time chart; map.

599.55 Rar

Rare underwater adventure. Powell, OH: Columbus Zoo Conservation Educ. Dept., n.d.

Kit contains 1 teacher guide (ca. 20p.) taken from website; poster (drawing of life-size manatee); 10 small brown paper bags; assorted pieces of foam; color photo of manatee.

622 Out

Out of the rock: integrated learning activities for students. Salt Lake City, UT: National Energy Foundation, 1995.

Kit contains teacher guide (83 p.); video (27 min.); designed for use with posters: From mountains to metals; From the mine to my home; Out of the rock; Rocks & minerals and how we use them.

622.338 Und

Understanding petroleum exploration and production. Salt Lake City, UT: National Energy Foundation, 1993.

Kit contains teacher guide (11 p.); student activities book (27 p.); poster.

628.44 Was

Waste prevention tools at work; training tools for business people and solid waste professionals. Cornell Waste

Management Institute, 1994.

Kit contains manual (100 pgs.) and video (13 min.).

631.875 Com

Compost gin card game. Tall Oak Productions, 1998.

Game contains 54 playing cards; players learn about composting by collecting proper proportions of brown, green, red, blue and gold (but no orange) cards to "make compost".

634.9 Tre

Treevia (Aboricolle). Canadian Council of Forest Ministers, 1993.

Game contains 105 question cards (in English and French) on forest products (green), forestry (blue) and forest ecology (yellow).

665.7 Sto

A storybook about natural gas. Salt Lake City, UT: National Energy Foundation, 1993.

Kit contains teacher guide folder; book (48 p.); 24 coloring sheet masters.

668.4 Han

Hands on plastic: a scientific investigation kit. American Plastics Council, 1996.

Kit contains book "Polymer Chemistry"; 6 bags assorted recycled plastic pellets; 4 samples from steps in construction of recycled plastic wood & sheeting; preform 2-liter bottle; teacher guide (incls slides).

672 Rec

A Recycled, reusable, recyclable package from recycled material. Steel Can Recycling Institute, 1992?

Kit contains posters; video "The World of Steel" (7.5 min.); video "Steel Can Recycling (PSAs--Ohio)"; audio cassette (1 min.); booklet; 2 toys.

676.142 Rec

Recycling: how your company can help, and benefit. Appleton Papers, 1992.

Kit contains presentation handbook designed to explain the importance of the landfill problem, office waste paper recycling, and buying recycled paper products.

781.5 Mus

Musical Mark's kids show [audio recording]/ Mark Tillack. Brinkhaven, OH: Musicalmark, c2008.

Compact disc (17 min.) contains recordings of ten songs in a medley on recycling and litter prevention.

781.5 Uni

Unintended consequences [audio recording]/ Stan Slaughter. Embudo, NM: Tall Oak Productions, 1998.

Compact disc (34 min.) contains recordings of eleven songs on household hazardous waste.

790 Ear

Earthword; an environmental game. Earthword, 1990.

Kit contains pieces and directions for environmental game.

791.53 Pup

Puppets. Sheram Puppets, Inc., n.d.

Kit contains 26 assorted animal and plant puppets, with a suggested script outline, "The 'hole' story".

COMPUTER SOFTWARE

363.7 Pro

Protecting your environment: an interactive CD-Rom. Columbus, OH: Ohio EPA, 2001.

1 CD-Rom

Provides overview of environmental risks in Ohio; suggests what can be done to reduce them through stories, information, games, etc., with links to websites and databases.

363.7 Win

Windows on waste: an elementary interdisciplinary environmental activity guidebook about solid waste and environ-

mental issues. Columbus: Ohio DEpt. of Natural Resources, 1999.

1 CD-ROM; Windows and Macintosh compatible

Contains material in guidebook originally issued in print format.

363.728 Ama

The amazing recyclotron: games to save our planet. Grove City, OH: SWACO, n.d.

1 CD-ROM

Contains brief explanations of how to recycle various materials and 2 computer games: Fastlane rally; Junkyard gold. (gr. 2-7)

363.728 Col

A collection of solid waste resources: Fall 1999. Washington, D.C.: U.S. EPA, 1999.

1 CD-Rom

Contains publications developed by Office of Solid Waste and the Municipal Waste Factbook of national and state data; some games included (gr. 6-adult).

363.728 Let

Let's reduce, reuse, and recycle. Washington, D.C.: U.S. EPA, 2000.

1 CD-Rom

Contains games, activities and resources on waste management; some available in Spanish versions (gr. K-8).

363.728 Oll

Ollie saves the planet. Camberwell, Victoria, Australia: Sustain Ability International LLC, c2003.

1 CD-ROM; PC and Macintosh compatible

Activities, games and projects, with teacher notes and lesson plans, cover air, water, energy, waste, 3Rs, biodiversity and sustainability. (ages 5-14)

363.728 Som

Somebody else's mess: strategies for preventing litter in your community. Columbus: Ohio Dept. of Natural

Resources, n.d.

1 CD-ROM

Program helps individuals and groups develop and implement comprehensive litter prevention in a community.

375 Tal

Talkin' trash. Washington, D.C.: Aluminum Can Council, c2004.

1 CD-ROM

Contains 242 page version of print middle grades curriculum guide for environmental education activities involving aluminum can recycling.

500 App

Applications in biology and chemistry: natural resources. Monmouth Junction, NJ: Shopware, n.d.

1 CD-ROM for Windows; 1 disk (3.5 in.) for tracking student scores; instruction booklet Includes definitions of common scientific terms and AV clips of related topics.

551.48 SWE

SWEET Resources 2006. Columbus: Ohio Dept. of Natural Resources, 2006.

1 CD-ROM

Provides background information from the Ohio EPA on groundwater protection, and shows how land forms land use affect the water cycle and maintenance of the water supply.

551.483 Wat

Water workshop. Grove City, OH: SWACO, 2007.

1 CD-ROM

Contents include reprints of Ohio EPA water quality fact sheet and Ohio watershed map, a stream monitoring assessment form and a simulation stream monitoring game.

POSTERS

101 ways to go green. Positive Promotions, n.d.

Lists easy ways to protect the environment and save the economy at home and while traveling.

180 million tons of trash: what can we do with it? Chicago: American Public Works Assn., 1991.

Depicts types of trash and ways to reduce its volume; activities and information on reverse.

Acid rain. Cambridge Educational, c1996.

Explains the formation of acid rain and how it affects plant life and other organisms.

Aggregates: nature's building blocks. Salt Lake City: National Energy Foundation, 1995.

Depicts types and uses for aggregate minerals; activities and explanations on reverse.

Closing the recycling loop: recycled materials at work. Delano, MN: Landscape Structures, Inc., 1996.

Depicts the recycling process, including the importance of buying products made with recycled materials.

Coal. Salt Lake City: National Energy Foundation, 1995.

Depicts formation, mining, distribution and uses of coal; teacher guide and explanations on reverse.

Coal technology: the future is now. Salt Lake City: National Energy Foundation, 1995.

Combines photographs and drawings to show mining, transportation and relationship of coal technology to environment; teacher guide and explanations on reverse.

Decision making for multiple-use public lands. Salt Lake City: National Energy Foundation, 1996.

Depicts area where oil and gas fields likely to exist beside National Park & Wilderness areas; guides for discussion of land use on reverse.

Deforestation. Cambridge Educational, c1996.

Explains the importance of forests and the impact of their destruction on the Earth's climate.

Destruction of habitat. Cambridge Educational, c1996.

Explains the impact of habitat destruction on species extinction, particularly in the rain forests.

Electrical generation. Salt Lake City: National Energy Foundation, 1990.

Depicts methods of generating electricity and transmitting it for use; more explanations on reverse.

Energy and building in the 20th Century: changing how we live and work in America.

Washington, D.C.: U.S. Dept. of Energy, 2001.

Photographs illustrate timeline and chronology of milestone buildings and technologies of the 20th Century.

Environmental milestones. Worldwatch Institute, c2005.

Presents a "timeline tracing key moments in the sustainability movement from the 1960s to 2005."

Fossil fuels. Cambridge Educational, c1996.

Explains the creation and depletion of coal, oil and natural gas, and how use of these fuels contributes to pollution levels.

From mountains to metals: the story of rocks, minerals, and the mining industry. Salt Lake City: National Energy

Foundation, 1996.

Depicts formation, mining, transport and the use of mineral resources; teacher guide, activities and explanations on reverse.

From the mine to my house. Salt Lake City: National Energy Foundation, 1993.

Depicts the steps Explore, Mine, Process, Consume and Recycle; teacher guide, activities and explanations on reverse.

Geothermal energy. Tiburon, CA: Geothermal Education Office, 2000.

Describes origin, types and uses of geothermal energy.

The Greenhouse effect. Cambridge Educational, c1996.

Compares the glass of a garden greenhouse to the "greenhouse" gases in the earth's atmosphere.

Hazardous waste: cleanup & prevention. Denver, CO: U.S. Geological Survey, 1996.

Depicts various hazardous waste sites and different types of cleanup and movement of wastes in the environment, with explanations and suggested activities on reverse side (middle school).

Here's your garbage pizza. Minnesota Office of Waste Management, 1992.

Uses pizza image as pie chart to show percentages for types of garbage produced daily by an "average Minnesotan".

How a tree grows. Washington, D.C.: U.S. Dept. of Agriculture--Forest Service, 2006.

Drawings show cross-sections of tree parts, from leaves to roots, and explains photosynthesis and enzyme use.

How do we treat our wastewater? Denver, CO: U.S. Geological Survey, 1996.

Depicts how wastewater in both urban and rural settings is treated so it can be used again: explanations and suggested activities on reverse side (middle school).

How is paper made? International Paper, n.d.

Depicts steps in making virgin and recycled papers from sources to finished products.

Keep up your decomposure: five easy steps to composting. North Carolina Dept. of Environment and Natural Resources, n.d.

Shows how to create and maintain a compost project.

The Life cycle of a CD or DVD. Washington, D.C.: U.S. EPA, 2003.

Shows steps from materials acquisition through manufacturing, use and ways of disposal; student activities and discussion guide on reverse side.

The Life cycle of a cell phone. Washington, D.C.: U.S. EPA, 2004.

Follows steps in creation of a cell phone from raw materials through manufacture and use, to disposal options; student activities and discussion guide on reverse side.

Life cycle of a pencil. Arlington, VA: National Science Teachers Assn., 2000.

Photographs show steps from Design through Manufacturing and Distribution to Disposal for the average pencil; teacher guide and activities on reverse. Use with The Life Cycle of Everyday Stuff.

Life of a hamburger: an exercise in life cycle awareness. Midland, MI: Dow Chemical Co., n.d.

Depicts energy use, materials and waste in production and consumption of hamburger and packaging; explanations on reverse.

Mapping pollution. Columbus, OH: Ohio Dept. of Natural Resources, 1999.

Depicts pollution-causing elements in typical community; use with Windows on Waste program.

Meet the air pollution gremlins. Austin: Texas Natural Resource Conservation Commission,

1995.

Six cartoon monsters represent different types of air pollution.

Mining reclamation: responsible reuse of lands through planning, management and technology.

Salt Lake City: National

Energy Foundation, 1999.

Shows steps from pre- through post-mining to return mining site for reuse; more photographs and information on reverse.

Natural gas technology: a bridge to the future. Salt Lake City: Natural Energy Foundation, 2000.

Depicts power generation, distribution and uses of natural gas, and its concerns for the environment and safety; teacher guide, activities and explanations on reverse.

Natural gas vehicles: the road to clean air. Salt Lake City: National Energy Foundation, 1994.

Shows diagram of car fueled by natural gas, offering reasons for its promotion; teacher guide, student handouts and explanations on reverse.

Natural resources are all around us. Minnesota Office of Waste Management, 1992.

Depicts examples of wildlife and habitats; use with primary grades Whata Waste program.

Nuclear energy. Salt Lake City: National Energy Foundation, 1995.

Depicts steps in production of nuclear energy; teacher guide, activities and explanations on reverse.

Oil. Salt Lake City: National Energy Foundation, 1994.

Depicts formation, drilling, refining and uses of oil; more information on reverse.

Onsite wastewater treatment: for small communities and rural areas. Morgantown, WV: West Virginia Univ., n.d.

Depicts resort community, identifying possible wastewater treatment options for each building; explanations on reverse.

Out of the rock. Salt Lake City: National Energy Foundation, 1997.

Depicts urban and mountain landscapes, containing world-famous structures and features; history of mineral use and resource consumption on reverse.

Ozone. Cambridge Educational, c1996.

Explains the impact of depletion of the ozone layer in the earth's atmosphere.

Paper clipping from landfill. Columbus, OH: SWACO, 1999.

Undecomposed page of Oct. 3, 1976 issue of Columbus Dispatch, retrieved from Franklin County landfill in 1999.

Recycling used oil: practices, pathways, processes, products. Salt Lake City: National Energy Foundation, 2000.

Depicts uses of oil, steps in recycling it and products of recycling; activities and information on reverse.

Renewable energy. Cambridge Educational, c1996.

Presents various alternatives to fossil fuels.

Renewable energy sources. Salt Lake City: National Energy Foundation, 1994.

Depicts types of renewable energy sources, including solar, wind, water and biomass; activities and additional information on reverse.

Rocks and minerals. Salt Lake City: National Energy Foundation, 1995.

Depicts types of mining and uses for resulting rocks and minerals; additional information on reverse.

Soils sustain life. Alexandria, VA: American Geological Institute, n.d.

Photographs depict six types of soils; observation activity and information on reverse.

Sport fishes of Ohio. Columbus, OH: Ohio Dept. of Natural Resources, 1999.

Pictures various species of fish of interest to fishing enthusiasts found in Ohio waters.

The Three R's. Minnesota Office of Waste Management, 1990.

Depicts examples of how people can Reduce, Reuse and Recycle.

The Tropical rain forest. World Wildlife Fund & Chevron USA, Inc., n.d.

Black & white drawings show the various levels in a tropical rain forest.

Walk gently on the earth. Minnesota Office of Waste Management, 1992.

Raises conservation issues in terms of Native American culture; for use with Grade 4 Whata Waste program.

Waste is a problem we can do something about! Austin: Texas Natural Resource Conservation Commission, 1999.

Depicts examples of recycling in a school setting; activities on reverse.

Water: the resource that gets used & used & used for everything! Denver: U.S. Geological Survey, n.d.

Illustrates different uses people make of water from a river as it flows down from a mountain, with explanation and activities on reverse side. (grade school version)

The Water cycle: nature's recycling system. Washington D.C.: U.S. Dept. of Agriculture, 1999.
Depicts stages that contribute to the water cycle; activities and explanations on reverse.

Water quality...potential sources of pollution. Reston, VA: U.S. Geological Survey, 1997.
Depicts point and nonpoint sources of water pollution and their movement to surface and ground waters; examinations and suggested activities on reverse.

Water resources. Cambridge Educational, c1996.
Graphically portrays the limited amount of fresh water available for human consumption, and the importance of controlling pollution.

Watersheds: where we live. Denver: U.S. Geological Survey, n.d.
Illustrates planned and unplanned watersheds of different sizes, with explanation and activities on reverse side.
(grade school version)

We can make a difference! Carson-Dellosa Publ., n.d.
Gives suggestions on ways to reduce energy consumption.

When we recycle. Carson-Dellosa Publ., n.d.
Portrays impact of recycling on energy consumption and solid waste management.

When you care for your car you care for the air. Austin: Texas Natural Resource Conservation Commission, 2000.
Discusses ways drivers can reduce their cars' contributions to air pollution; same poster, in Spanish, on reverse.

Where does all your old homework go? Washington, D.C.: American Forest & Paper Assn., 1994.
Discusses process of, and need for, paper recycling, with directions for paper making project.

Where's the waste? Minnesota Office of Waste Management, 1992.
Depicts positive and negative examples of energy and waste management in an imaginary community; for use with Whata Waste programs.

Whose backyard? Minnesota Office of Waste Management, 1992.
Asks where aliens might choose to land their UFOs in an urban to rural landscape.

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