



U.S. Environmental Protection Agency Region 4

Environmental Education Materials
1998

Table Of Contents

How To Get The Most From This Catalog	i
Alphabetical Index	ii
Index Of Materials By Topic	vi
Air	vi
Multi-Media	vii
Other	viii
Waste	ix
Water	x
Index By Type Of Material	xii
Activity Book	xii
Activity Guide	xii
Curriculum	xiv
Other	xvi
Environmental Education Materials Descriptions	l

How To Get The Most From This Catalog

General

The Educational Materials Resource Library is a free service provided by U.S. EPA Region 4 to assist educational agencies, schools, nonprofit organizations, community-based organizations, and state, local and tribal educational agencies increase their ability to provide environmental education activities.

Only one copy of each document is maintained in the library and must be copied prior to mailing. Therefore, we can only supply one copy of up to three different documents. Materials in the collection either are public-domain or provide permission to copy for classroom use.

This catalog has been designed to allow you to quickly find the educational materials that you need. Included is an alphabetical index, an index by topic and index by type of material. The topic index and the type of material index are arranged by grade level and topic or type.

Topic Index

The *topic index* is arranged by major topic: air, multi-media, other, waste and water. The grade levels are clustered as follows: K-5, 6-8, 9-12 and adult. Multi-media materials are those that cover more than one topic, i.e., water and air. Those materials that are listed under the topic of *other* are those that do not clearly fall within one of the other topics, i.e., habitat, energy, etc.

Type of Material Index

The *type of material index* is arranged by major types of educational materials: activity books, activity guides, curriculum, other and sourcebook. Grade levels are clustered the same as the topic index. Educational videos are also available for check-out. Videos are listed in a separate catalog.

Catalog

The catalog is arranged in alphabetical order. It provides a title, grade level, type of material, and topic. These are all included in the top line of the listing. A brief description is also included to describe the contents of the document.

Requesting Copies of Documents

Please request copies of educational materials by writing:

U.S. EPA Region 4
Office of Public Affairs
Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, Georgia, 30303

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ALPHABETICAL INDEX

-#-

30 Simple Energy Things You Can Do	1
4 R's Project	1
4th R Recycling Curriculum	1

-A-

Acid Rain, A Students First Sourcebook	1
Action For A Cleaner Tomorrow 6 - 8	1
Action For A Cleaner Tomorrow 9 - 12	1
Adventures of Colonel Kentucky	1
Air Quality	2
Airy Canary Learns to Fly	2
Animal Population	2
AQUA FAIR: The ABC's Of Presenting a Water Quality Fair	2
Away With Waste	2
A World In Our Backyard	2

-B-

Best Learning - In Outdoor Classrooms, The	2
Be Water Wise	2

-C-

C.A.P.E - Children's Alliance for Protection of the Environment	3
Choices Between	3
Clean Coal Technology	3
Cleaner Times: The Curriculum Guide	3
Color the Coast	3
Creating Student Centered Interdisciplinary Units	3
Cycles In The Sand	3

-D-

Demonstration Projects In Drinking Water	3
Dinosaurs And Powerplants	4
Dinosaurs And Powerplants - Teacher's Supplement	4
Dive Into Wetlands	4
Don't Splash Your Trash	4
Drinking Water Activities for Teachers & Students	4

-E-

Earth Connections 1 - 3	4
Earth Connections 4 - 6	4
Earth Day Every Day, Teachers Kit	4
Earth Trek, Explore Your Environment	5
ECO-ACT - Acting, Creating, Teaching	5
Educating Young People About Water: A Guide To Goals & Resources	5
Educators Earth Day Sourcebook	5
Energy Sourcebook, The - High School Unit	5
Environmental Agriculture and Conservation	5
Environmental Education: A World Of Knowledge	5
Environmental Education Curriculum and Speakers Guide	6
Environmental Education Materials for Teachers and Young People	6
Environmental Exchange - A Beginning	6
Environmental Health Risk Education For Youth	6
Environmental Indicators In The Classroom - Florida	6

-F-

Fun With The Environment	6
--------------------------------	---

-G-

Geography: Reflections On Water	6
Global Thinking - A Teacher's Guide	7
Global Thinking - A Teacher's Resource	7
Great Beginnings In Environmental Education	7
Groundwater: A Vital Resource	7

-H-

Handbook Of Schoolyard Plants And Animals	7
HAZ-ED: Classroom Activities For Understanding Hazardous Waste	7
Hey SRS... Recycle This	7

-I-

Instructional Modules In Environmental Education	8
Investigating Your Environment	8
Iowa Developed Energy Activity Sampler - 1	8
Iowa Developed Energy Activity Sampler - 2	8

-K-

Kentucky Association For Environmental Education Resource Guide, The	8
Kentucky's Environment	8

-L-

Language Arts With An Environmental Twang	8
Learning About Lighting With Flossie	9
Lesson Plan And Home Survey - Earth Day	9
Less Waste In The First Place	9
Let's Recycle!	9
Let's Reduce and Recycle	9

-M-

Making Environmental Education Organizations Effective	9
Mobius Fun Book	9
Municipal Solid Waste Management - Teachers Guide	9

-N-

North Carolina Environmental Education Plan	10
---	----

-O-

On-Campus Teaching Guide	10
Once There Lived A Wicked Dragon	10
On The Trail Of The Missing Ozone	10
Organisms Of The Dock	10
Ozone Layer Educator's Guide	10

-P-

Partners In Paradise	10
Peace River Basin, The	10
Plant A Tree For Life	11
Plastic Debris Teaching Activities	11
Project A.I.R.E - Air Information Resources for Education	11
Project Teach: Teaching Environmental Activities in Coastal Habitats - Elementary	11
Project Teach: Teaching Environmental Activities in Coastal Habitats - Middle School	11

-R-

Radon Alert	11
Recycle - Conserve - Protect	11
Recycling Study Guide	11
REEP: Regional Environmental Education Program - Biology - Adaptions	12
REEP: Regional Environmental Education Program - Chemistry - Cycles	12
REEP: Regional Environmental Education Program - Environmental Science - Cycles	12
REEP: Regional Environmental Education Program - High School Social Studies - Communities	12
REEP: Regional Environmental Education Program - Physics/Technology Education - Energy	12
Ripples: A Big Sweep Elementary Activity Guide	12
Rock Eagle Outdoor Environmental Program	13

-S-

Sand Castle Moats And Petunia Bed Holes	13
Superfund Team - Mother Mouse, The	13
S.W.E.E.P. - Solid Waste Elementary Education Program	13

-T-

Teaching About The Environment: A Resource Guide for Getting Started in Environmental Education	13
Teaching Soil And Water Conservation	13
This Land Is Sacred	13
Trash For The Long Haul	14
TVA - A World Of Resources	14

-W-

Waste: A Hidden Resource	14
Water: A Natural Wonder	14
Water Sourcebook 3 - 5	14
Water Sourcebook 9 - 12	14
Water: Where It Comes From And Where It Goes	14
Wetlands Are Wonderlands! - An Illustrated Guide To Wetlands	15
What's Under Your Feet	15
Working In The Magic Garden	15

**INDEX OF MATERIALS
BY TOPIC**

AIR

- Grades K Through 5 -

	Page
Acid Rain, A Students First Sourcebook	1
Airy Canary Learns to Fly	2
Learning About Lighting With Flossie	9
On The Trail Of The Missing Ozone	10
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11

- Grades 6 Through 8 -

30 Simple Energy Things You Can Do	1
Acid Rain, A Students First Sourcebook	1
Air Quality	2
Learning About Lighting With Flossie	9
On The Trail Of The Missing Ozone	10
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11

- Grades 9 Through 12 -

30 Simple Energy Things You Can Do	1
On The Trail Of The Missing Ozone	10
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11
REEP: Environmental Science - Cycles	12

- Adult -

30 Simple Energy Things You Can Do	1
Ozone Layer Educator's Guide	10

MULTI-MEDIA

- Grades K Through 5 -

	Page
Best Learning - In Outdoor Classrooms, The	2
C.A.P.E.- Children's Alliance for Protection of the Environment	3
Cleaner Times, The Curriculum Guide	3
Cycles in the Sand	3
Earth Connections 1 - 3	4
Earth Day Every Day, Teachers Kit	5
Earth Trek. . . Explore Your Environment	4
Environmental Education: A World of Knowledge	5
Environmental Education Materials for Teachers and Young People	6
Environmental Exchange - A Beginning	6
Fun With the Environment	6
Global Thinking - A Teachers Guide	7
Great Beginnings in Environmental Education	7
Instructional Modules in Environmental Education	8
Investigating Your Environment	8
On Campus Teaching Guide	10
Rock Eagle Outdoor Environmental Program	13
Teaching Soil and Water Conservation	13
This Land is Sacred	13
Working in the Magic Garden	15

- Grades 6 Through 8 -

Best Learning - In Outdoor Classrooms, The	2
C.A.P.E - Children's Alliance for Protection of the Environment	3
Cleaner Times: The Curriculum Guide	3
Earth Connections	4
Earth Day Every Day, Teachers Kit	4
Earth Trek. . . Explore Your Environment	4
Educators Earth Day Sourcebook	5
Environmental Education Materials for Teachers and Young People	6
Environmental Exchange - A Beginning	6
Fun With the Environment	6
Global Thinking - A Teachers Guide	7
Global Thinking - A Teachers Resource	7
Great Beginnings in Environmental Education	7
Instructional Modules in Environmental Education	8
Investigating Your Environment	8
Kentucky's Environment	8
On Campus Teaching Guide	10
Rock Eagle Outdoor Environmental Program	13
Teaching Soil and Water Conservation	13
TVA - A World of Resources	14

- Grades 9 Through 12 -

Best Learning - In Outdoor Classrooms, The	2
C.A.P.E - Children's Alliance for Protection of the Environment	3
Cleaner Times: The Curriculum Guide	3
ECO-ACT - Acting, Creating, Teaching	5
Educators Earth Day Sourcebook	5
Environmental Agriculture and Conservation	5
Environmental Education Materials for Teachers and Young People	6
Environmental Exchange - A Beginning	6
Global Thinking - A Teachers Guide	7
Great Beginnings in Environmental Education	7
Investigating Your Environment	8
Kentucky's Environment	8
On Campus Teaching Guide	10
Teaching Soil and Water Conservation	13

- Adult -

Creating Student Centered Interdisciplinary Units	3
Environmental Education Curriculum and Speakers Guide	6
Great Beginnings in Environmental Education	7
Kentucky Association for Environmental Education Resource Guide, The	8
Making Environmental Education Organizations Effective	9

OTHER

- Grades K Through 5 -

	Page
Animal Population Survey	2
Clean Coal Technology	3
Dinosaurs and Powerplants	3
Dinosaurs and Powerplants, Teachers Guide	5
Environmental Health Risk Education for Youth	6
Handbook of Schoolyard Plants and Animals	7
Iowa Developed Energy Activity Sampler - 1	8
Language Arts With an Environmental Twang	8
Lesson Plan and Home Survey - Earth Day	9
Plant a Tree for Life	11
What's Under Your Feet	15

- Grades 6 Through 8 -

Animal Population Survey	2
Clean Coal Technology	3
Dinosaurs and Power Plants	4
Dinosaurs and Power Plants, Teachers Guide	4
Environmental Health Risk Education for Youth	6
Handbook of Schoolyard Plants and Animals	7

Iowa Developed Energy Activity Sampler - 2	8
Language Arts With an Environmental Twang	8
Lesson Plan and Home Survey - Earth Day	9
Plant a Tree for Life	11
What's Under Your Feet	15

- Grades 9 Through 12 -

Animal Population Survey	2
Clean Coal Technology	3
Energy Sourcebook - The High School Unit	5
Environmental Health Risk Education for Youth	6
Environmental Indicators in the Classroom - Florida	6
Iowa Developed Energy Activity Sampler - 2	8
Lesson Plan and Home Survey - Earth Day	9
Partners in Paradise	10
Plant a Tree for Life	11
REEP: Regional Environmental Education Program: Chemistry - Cycles	12
REEP: Regional Environmental Education Program: High School Social Studies - Communities	12
REEP: Regional Environmental Education Program: Physics/Technology Education - Energy	12

- Adult -

North Carolina Environmental Education Plan	9
---	---

WASTE

- Grades K Through 5 -

	Page
Adventures of Colonel Kentucky	1
Away With Waste	2
Hey SRS. . . Recycle This	7
Less Waste in the First Place	9
Let's Recycle!	9
Let's Reduce and Recycle	9
Mobius Fun Book	9
Municipal Solid Waste Management - Teachers Guide	9
Once There Lived a Wicked Dragon	10
Plastic Debris Teaching Activities	11
Recycle - Conserve - Protect	11
Recycling Study Guide	11
Ripples: A Big Sweep Elementary Activity Guide	12
Superfund Team - Mother Mouse, The	13
S.W.E.E.P, Solid Waste Elementary Program	13
Trash for the Long Haul	14

- Grades 6 Through 8 -

4 R's Project	1
4th R Recycling Curriculum, The	1
Action for a Cleaner Tomorrow	1
Adventures of Colonel Kentucky, The	1
Away With Waste	2
HAZ-ED: Classroom Activities for Understanding Hazardous Waste	7
Less Waste in the First Place	9
Let's Recycle!	9
Let's Reduce and Recycle	9
Municipal Solid Waste Management - Teachers Guide	9
Plastic Debris Teaching Activities	11
Recycle - Conserve - Protect	11
Recycling Study Guide	11
Ripples: A Big Sweep Elementary Activity Guide	12
S.W.E.E.P., Solid Waste Elementary Education Program	13
Trash for the Long Haul	14
Waste: A Hidden Resource	14

- Grades 9 Through 12 -

4th R Recycling Curriculum, The	1
Away With Waste	2
HAZ-ED: Classroom Activities for Understanding Hazardous Waste	7
Less Waste in the First Place	9
Let's Recycle!	9
Let's Reduce and Recycle	9
Municipal Solid Waste Management - Teachers Guide	9
Plastic Debris Teaching Activities	11
Recycling Study Guide	11
Trash for the Long Haul	14
Waste: A Hidden Resource	14

- Adult -

4th R Recycling Curriculum, The	1
---------------------------------------	---

WATER

- Grades K Through 5 -

	Page
AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
A World in Our Backyard	2
Be Water Wise	2
Color the Coast	3
Demonstration Projects in Drinking Water	3
Dive Into Wetlands	4

Don't Splash Your Trash	4
Drinking Water Activities for Teachers and Students	4
Geography: Reflections on Water	6
Groundwater: A Vital Resource	7
Project Teach: Teaching Environmental Activities in Coastal Habitats - Elementary	11
Water: A Natural Wonder	14
Water Sourcebook, The	14
Wetlands Are Wonderlands!	15

- Grades 6 Through 8 -

AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
A World in Our Backyard	2
Be Water Wise	2
Choices Between	3
Color the Coast	3
Demonstration Projects in Drinking Water	3
Dive Into Wetlands	4
Don't Splash Your Trash	4
Drinking Water Activities for Teachers and Students	4
Geography: Reflections on Water	6
Groundwater: A Vital Resource	7
Organisms of the Dock	10
Peace River Basin, The	10
Project Teach: Teaching Environmental Activities in Coastal Habitats - Middle School	11
Sand Castle Moats and Petunia Bed Holes	13
Water: A Natural Wonder	14
Water: Where It Comes From and Where It Goes	14
Wetlands Are Wonderlands!	15

- Grades 9 Through 12 -

AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
A World In Our Backyard	2
Be Water Wise	2
Demonstration Projects in Drinking Water	3
Dive Into Wetlands	4
Don't Splash Your Trash	4
Groundwater: A Vital Resource	7
Organisms of the Dock	10
REEP: Regional Environmental Education Program, Biology - Adaptations	12
Sand Castle Moats and Petunia Bed Holes	13
Water: A Natural Wonder	14
Water Sourcebook, The	14
Water: Where It Comes From and Where It Goes	14
Wetlands Are Wonderlands!	15

- Adult -

Be Water Wise	2
Educating Young People About Water: A Guide to Goals and Resources	5

INDEX BY TYPE
OF MATERIAL

ACTIVITY BOOK

- Grades K through 5 -

	Page
Airy Canary Learns to Fly	2
Superfund Team - Mother Mouse, The	13
Once There Lived a Wicked Dragon	13
Wetlands Are Wonderlands!	15

- Grades 6 Through 8 -

On The Trail Of The Missing Ozone	10
Wetlands Are Wonderlands!	15

- Grades 9 Through 12 -

On The Trail Of The Missing Ozone	10
Wetlands Are Wonderlands!	15

ACTIVITY GUIDE

- Grades K Through 5 -

	Page
Adventures of Colonel Kentucky, The	1
AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
Be Water Wise	2
C.A.P.E. - Childrens Alliance for Protection of the Environment	3
Color The Coast	3
Cycles in the Sand	3
Demonstration Projects in Drinking Water	3
Dinosaurs and Power Plants	4
Dinosaurs and Power Plants - Teachers Supplement	4
Don't Splash Your Trash	4
Drinking Water Activities for Teachers and Students	4
Earth Trek. . . Explore Your Environment	5
Environmental Exchange - A Beginning	6
Fun With the Environment	6
Great Beginnings in Environmental Education	7
Groundwater: A Vital Resource	7
Handbook of Schoolyard Plants and Animals	7
Hey SRS. . . Recycle This	7
Iowa Developed Energy Activity Sampler - 1	8
Language Arts With an Environmental Twang	8
Learning About Lighting With Flossie	9

Less Waste In The First Place	9
Mobius Fun Book	9
On Campus Teaching Guide	10
Once There Lived a Wicked Dragon	10
Plastic Debris Teaching Activities	11
Ripples: A Big Sweep Elementary Activity Guide	12
Teaching Soil and Water Conservation	13
This Land is Sacred	13
Water: A Natural Wonder	14
What's Under Your Feet	15

- Grades 6 Through 8 -

Adventures of Colonel Kentucky, The	1
Animal Population Survey	2
AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
Be Water Wise	2
C.A.P.E. - Childrens Alliance for Protection of the Environment	3
Color The Coast	3
Demonstration Projects in Drinking Water	3
Dinosaurs and Power Plants	4
Dinosaurs and Power Plants, Teachers Guide	4
Don't Splash Your Trash	4
Drinking Water Activities for Teachers and Students	4
Earth Trek. . . Explore Your Environment	5
Environmental Exchange - A Beginning	6
Fun With the Environment	6
Great Beginnings in Environmental Education	7
Groundwater: A Vital Resource	7
Handbook of Schoolyard Plants and Animals	7
HAZ-ED: Classroom Activities for Understanding Hazardous Waste	7
Iowa Developed Energy Activity Sampler - 2	8
Language Arts With an Environmental Twang	8
Learning About Lighting With Flossie	9
Less Waste In The First Place	9
On Campus Teaching Guide	10
Organisms of the Dock	10
Plastic Debris Teaching Activities	11
Ripples: A Big Sweep Elementary Activity Guide	12
Sand Castle Moats and Petunia Bed Holes	13
Teaching Soil and Water Conservation	13
Water: A Natural Wonder	14
What's Under Your Feet	15

- Grades 9 Through 12 -

Animal Population Survey	2
AQUA FAIR: The ABC's of Presenting a Water Quality Fair	2
Be Water-Wise	2
C.A.P.E. - Children's Alliance for Protection of the Environment	3
Demonstration Projects in Drinking Water	3
Don't Splash Your Trash	4
Environmental Exchange - A Beginning	6
Great Beginnings in Environmental Education	7
Groundwater: A Vital Resource	7

HAZ-ED: Classroom Activities for Understanding Hazardous Waste	7
Iowa Developed Energy Activity Sampler - 2	8
Less Waste In The First Place	9
On Campus Teaching Guide	10
Organisms of the Dock	10
Plastic Debris Teaching Activities	11
Sand Castle Moats and Petunia Bed Holes	13
Teaching Soil and Water Conservation	13
Water: A Natural Wonder	14

- Adult -

Be Water Wise	2
Great Beginnings in Environmental Education	7

CURRICULUM

- Grades K Through 5 -

	Page
Away With Waste	2
A World in Our Backyard	2
Cleaner Times: The Curriculum Guide	3
Earth Connections	4
Environmental Education: A World of Knowledge	5
Geography: Reflections on Water	6
Instructional Modules in Environmental Education	8
Investigating Your Environment	8
Lesson Plan and Home Survey - Earth Day	9
Let's Recycle!	9
Let's Reduce and Recycle	9
Municipal Solid Waste Management - Teachers Guide	9
Plant a Tree for Life	11
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11
Recycle - Conserve - Protect	11
Rock Eagle Outdoor Environmental Program	13
S.W.E.E.P., Solid Waste Elementary Program	13
Water Sourcebook, The	14
Working in the Magic Garden	15

- Grades 6 Through 8 -

4 R's Project	1
4th R Recycling Curriculum, The	1
Action For A Cleaner Tomorrow 6 - 8	1
Air Quality	2
Away With Waste	2
A World in Our Backyard	2
Choices Between	3
Cleaner Times: The Curriculum Guide	3
Earth Connections 4 - 6	4

Geography: Reflections on Water	6
Global Thinking - A Teacher's Resource	7
Instructional Modules in Environmental Education	8
Investigating Your Environment	8
Kentucky's Environment	8
Lesson Plan and Home Survey - Earth Day	9
Let's Recycle!	9
Lets Reduce and Recycle	9
Municipal Solid Waste Management - Teachers Guide	9
Peace River Basin, The	10
Plant a Tree for Life	11
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11
Recycle - Conserve - Protect	11
Rock Eagle Outdoor Environmental Program	13
S.W.E.E.P, Solid Waste Elementary Education Program	13
TVA - A World of Resources	14
Waste: A Hidden Resource	14

- Grades 9 Through 12 -

4th R Recycling Curriculum, The	1
Action For A Cleaner Tomorrow 9 - 12	1
Away With Waste	2
A World in Our Backyard	2
Cleaner Times: The Curriculum Guide	3
ECO-ACT - Acting, Creating, Teaching	5
Energy Sourcebook - The High School Unit	5
Environmental Agriculture and Conservation	5
Environmental Indicators in the Classroom - Florida	6
Investigating Your Environment	8
Kentucky's Environment	8
Lesson Plan and Home Survey - Earth Day	9
Let's Recycle!	9
Let's Reduce and Recycle	9
Municipal Solid Waste Management - Teachers Guide	9
Partners in Paradise	10
Plant a Tree for Life	11
Project A.I.R.E - Air Information Resources for Education.	11
Radon Alert	11
REEP: Regional Environmental Education Program: Biology - Adaptations	12
REEP: Regional Environmental Education Program: Chemistry - Cycles	12
REEP: Regional Environmental Education Program: Environmental Science - Cycles	12
REEP: Regional Environmental Education Program: High School Social Studies - Communities	12
REEP: Regional Environmental Education Program: Physics/ Technology Education - Energy	12
Waste: A Hidden Resource	14
Water Sourcebook, The 9 - 12	14

- Adult -

4th R Recycling Curriculum, The	1
Creating Student Centered Interdisciplinary Units	3

OTHER

- Grades K Through 5 -

	Page
Best Learning - In Outdoor Classrooms	2
Dinosaurs and Power Plants - Teachers Supplement	4
Dive Into Wetlands	4
Project Teach: Teaching Environmental Activities in Coastal Habitats - Elementary	11

- Grades 6 Through 8 -

30 Simple Energy Things You Can Do	1
Best Learning - In Outdoor Classrooms, The	2
Dinosaurs and Power Plants - Teachers Supplement	4
Dive Into Wetlands	4
Project Teach: Teaching Environmental Activities in Coastal Habitats - Middle School	11
Water: Where It Comes From And Where It Goes	14

- Grades 9 Through 12 -

30 Simple Energy Things You Can Do	1
Best Learning - In Outdoor Classrooms, The	2
Dive Into Wetlands	4
Water: Where It Comes From And Where It Goes	14

SOURCEBOOK

- Grades K Through 5 -

	Page
Acid Rain, A Students First Sourcebook	1
Earth Day Every Day, Teachers Kit	4
Environmental Education Materials for Teachers and Young People	6
Environmental Health Risk Education for Youth	6
Global Thinking - A Teachers Guide	7
Recycling Study Guide	11
Trash for the Long Haul	14

- Grades 6 Through 8 -

Acid Rain, A Students First Sourcebook	1
Earth Day Every Day, Teachers Kit	4
Educators Earth Day Sourcebook	5
Environmental Education Materials for Teachers and Young People	6
Environmental Health Risk Education for Young People	6
Global Thinking - A Teacher's Guide	7

Global Thinking - Teacher's Resource	7
Recycling Study Guide	11
Trash for the Long Haul	14

- Grades 9 Through 12 -

Educators Earth Day Sourcebook	5
Environmental Education Materials for Teachers and Young People	6
Environmental Health Risk Education for Youth	6
Global Thinking - A Teacher's Guide	7
Recycling Study Guide	11
Trash for the Long Haul	14

- Adult -

Educating Young People About Water: A Guide to Goals and Resources	5
Environmental Education Curriculum and Speakers Guide	5
Kentucky Association for Environmental Education Resource Guide, The	8
Making Environmental Education Organizations Effective	9
Ozone Layer Educator's Guide	10
Teaching About the Environment: A Resource Guide for Getting Started in Environmental Education	13

ENVIRONMENTAL EDUCATION MATERIALS

30 Simple Energy Things You Can Do

Grades 6 - Adult

Other

Air

This book is about what people can do to change their impact on the environment by changing the way they use energy. Simple things to reduce energy consumption, like installing high efficiency lighting, planting a tree, changing the time that the air conditioner is used, or turning off the water a minute earlier are discussed.

4 R's Project

Grades 6 - 8

Curriculum

Waste

The *4 R's Project* is a solid waste management curriculum for Florida schools designed to be used as a supplementary resource to help integrate solid waste and recycling education into an existing curriculum. The curriculum is divided into four modules: primary, elementary, middle and secondary. The guide includes black line masters.

4th R Recycling Curriculum, The

Grades 6 - Adult

Curriculum

Waste

This booklet was developed to enable the San Francisco Unified School District instructors to teach elementary students about waste reduction, current methods of solid waste management, and new technologies for managing waste in the future. The lessons integrate and use language arts, mathematics, social studies and science.

Acid Rain, A Students First Sourcebook

Grades 4 - 8

Sourcebook

Air

This sourcebook is for students in grades four through eight and their teachers. It provides concepts, definitions, experiments and activities to increase students' understanding of acid rain.

Action for a Cleaner Tomorrow

Grades 6 - 8

Curriculum

Waste

Action for a Cleaner Tomorrow is a solid waste and recycling curriculum for South Carolina. The activity-based curriculum includes a book of exercises with background resource material, a glossary, recommended reading, and extension activities. Most lessons are interdisciplinary.

Action for a Cleaner Tomorrow

Grades 9 - 12

Curriculum

Waste

See *Action for a Cleaner Tomorrow* grades 6 - 8

Adventures of Colonel Kentucky, The

Grades 5 - 6

Activity Guide

Waste

This workbook and teachers' guides are designed to accomplish a variety of goals. Most important, the workbook provides a basic solid waste/resource recovery education. The Teachers' guide offers a selection of flexible formats which allows them to choose an instructional plan that best suits the class.

Air Quality

Grades 6 - 8

Curriculum

Air

This environmental guide presents basic information on the science of air quality in a series of eight fact sheets and sixteen activities. The guide provides middle school math and science teachers with a concise introduction to air pollution issues so that they can easily present this information to their students.

Airy Canary Learns to Fly

Grades 3 - 5

Activity Book

Air

This activity book, with a story, follows Airy Canary in his adventures while he learns about air pollution as he attempts to fly.

Animal Population Survey

Grades 5 - 12

Activity Guide

Other

This activity guide provides instructions and forms for conducting the "tag and recapture" method of counting animals.

AQUA FAIR: The ABC's of Presenting a Water Quality Fair

Grades K - 12

Activity Guide

Water

This guide was constructed to help people who are interested in conducting an AQUA FAIR. This manual tells you how to get started, how to find presenters, how to get financial and in-kind support, and provides some sample forms to make it a great success.

Away With Waste

Grades K - 12

Curriculum

Waste

The interdisciplinary activities, included in *Away With Waste*, range from dealing with every day, household situations, such as changing your buying habits in order to reduce what you throw out, to complex global issues such as resource depletion.

A World in Our Backyard

Grades 4 - 12

Curriculum

Water

This guide is a resource of information about wetlands in New England which can be adopted to other regions. It suggests ways of studying wetland characteristics, why wetlands are important, and how students and teachers can help protect a local wetland resource.

Best Learning - In Outdoor Classrooms, The

Grades K - 12

Other

Multi-media

This fact sheet provides information about outdoor environmental learning laboratories that are extensions of the indoor classroom. It describes how children have highly motivated learning experiences through the use of their senses of feeling, tasting, touching smelling, seeing and hearing.

Be Water-Wise

Grades 3 - Adult

Activity Guide

Water

Be Water Wise is an activity guide divided into five parts: the importance of water; water in the environment; getting water to and from our homes, the relationship between water and energy; and water conservation in our homes.

C.A.P.E. - Childrens Alliance for Protection of the Environment

Grades K - 12

Activity Guide

Multi-media

This activity guide, *C.A.P.E.*, has been designed to assist teachers, parents, and other adults not to set up clubs and begin environmental action projects. This book provides background information on environmental issues, easy to follow suggestions, models for projects and additional contacts and resources.

Choices Between

Grade 7

Curriculum

Water

This study unit is designed to give 7th grade students an opportunity to investigate the dynamics of the water system of southwest Florida and the problems that are associated with an increasing demand on this limited resource.

Clean Coal Technology

Grades K - 12

Other

Other

Clean Coal Technology describes a new generation of advanced coal technology, environmentally cleaner and in many cases more efficient and less costly than conventional coal burning processes.

Cleaner Times: The Curriculum Guide

Grades 4 - 12

Curriculum

Multi-media

Cleaner Times is an educational program that focuses on how the improper disposal of waste, in the form of litter, in our streets, negatively affects the beaches and waterways. When we recognize our own actions are a significant cause of the problem, then we are on the way to a solution.

Color the Coast

Grades 3 - 8

Activity Guide

Water

This activity book provides information and activity pages covering coastal areas. It addresses human and animal uses of the areas and the effect of humans on the coastal environment.

Creating Student Centered Interdisciplinary Units

Adult

Curriculum

Multi-media

Creating Student Centered Interdisciplinary Units is a teacher training and a curriculum writing document. It provides teachers with the necessary skills to write and deliver interdisciplinary educational units about the environment.

Cycles in the Sand

Grade 2

Activity Guide

Multi-media

This unit of study is made up of a series of activities designed to acquaint the student with changes and cycles in the world around them. The units include a field trip to a local beach where a number of changes can be observed first-hand. Life cycles, as well as the water cycles are introduced in a unit through a variety of pre-trip classroom activities.

Demonstration Projects in Drinking Water

Grades K - 12

Activity Guide

Water

The general areas covered by the guide include the chemical/physical aspects of water, contamination and treatment of drinking water, distribution and supply of drinking water, and water conservation.

Dinosaurs and Power Plants

Grades 5 - 8

Activity Guide

Other

Dinosaurs and Power Plants is about the history, detection, extraction, transportation, use, environmental problems/solutions, and the future of fossil energy. The study of energy science shows the close interrelationships of all creatures.

Dinosaurs and Power Plants - Teacher's Supplement

Grades 5 - 8

Other

Other

The Teacher's Guide Supplement contains 8 1/2" x 11" versions of the graphics in *Dinosaurs and Power Plants*. Materials in the supplement may be used for transparencies, bulletin boards, reproduction for individual student use or any classroom activity.

Dive Into Wetlands

Grades K - 12

Other

Water

Dive Into Wetlands integrates mathematics and environmental science into the study of wetlands. It is a ten-day teacher workshop introducing science and math teachers to ways of integrating the two into environmental science.

Don't Splash Your Trash

Grades K - 12

Activity Guide

Water

This activity guide shows students how to reduce water pollution caused by recreational boating.

Drinking Water Activities for Teachers & Students

Grades K - 8

Activity Guide

Water

Drinking Water Activities for Teachers and Students provides a variety of themes and slogans about why drinking water needs to be cared for and nurtured.

Earth Connections

Grades 1 - 3

Curriculum

Multi-media

Earth Connections is a curriculum designed to help students understand the environmental stewardship issues associated with soil, air and water conservation.

Earth Connections

Grades 4 - 6

Curriculum

Multi-media

See *Earth Connections* grades 1 - 3

Earth Day Every Day, Teachers Kit

Grades 4 - 6

Sourcebook

Multi-media

The teaching kit provides classroom teaching activities as well as library activities, school outreach activities and interdisciplinary activities for art, English, science, music, social science, and physical education.

<i>Earth Trek . . . Explore Your Environment</i>	Grades 5 - 6	Activity Guide	Multi-media
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This activity guide addresses the protection of water, air, and land. It also covers safer use of pesticides and toxic substances, environmental laws, and a dictionary of environmental terms.

<i>ECO-ACT - Acting, Creating, Teaching</i>	Grades 10 - 12	Curriculum	Multi-media
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ECO-ACT is divided into three units: the Pollution and Waste unit focuses on the causes and effects of pollution on the environment. Community Projects is designed to present classes with the opportunity to address an environmental issue, and Conservation takes a look at ways natural resources can be used more wisely.

<i>Educating Young People About Water: A Guide To Goals and Resources</i>	Adult	Sourcebook	Water
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This sourcebook is for professionals who design and develop water quality training programs and curricula, and for coordinators of water education programs. It assists in selecting water curricula, education support materials, and contains bibliographies.

<i>Educators Earth Day Sourcebook</i>	Grades 7 - 12	Sourcebook	Multi-media
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This sourcebook provides suggested Earth Day activities for teachers and students.

<i>Energy Sourcebook - The High School Unit</i>	Grades 9 - 12	Curriculum	Other
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The *Energy Sourcebook* integrates energy education in the existing curricula by providing instructional materials that are specific to the Tennessee Valley. The book contains plans for a variety of learning experiences and addresses energy issues with a balanced approach.

<i>Environmental Agriculture and Conservation</i>	Grades 9 - 12	Curriculum	Multi-media
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The *Environmental Agriculture and Conservation* course has ten units of instruction. The format includes eight basic components in the form a unit: performance objective, suggested activities for the teacher, information sheets, assignment sheets, job sheets, transparency masters, tests and answers to the tests.

<i>Environmental Education: A World of Knowledge</i>	Grades 3 - 5	Curriculum	Multi-media
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This packet contains lesson plans that can be used with an entire class, or in learning centers, or individually by older children. Many lessons include suggestions for expansion. They will also stimulate ideas for expansion. The curriculum booklet contains 20 lesson plans in four units: Ecology, Thinking Ecologically, Pollution Control, and Recycling. The booklet also contains a glossary of terms found in the lesson plans, as well as a bibliography.

***Environmental Education Curriculum
and Speakers Guide***

Adult

Sourcebook

Multi-media

This speaker's reference guide was prepared by EPA staff as a quick reference for EPA employees to use when making presentations on EPA programs. It may be used by others. It provides program summaries on environmental issues facing the general public. It is directed toward the non-regulated community.

***Environmental Education Materials for Teachers
and Young People***

Grades K - 12

Sourcebook

Multi-media

Environmental Education Materials for Teachers and Young People is an annotated compendium of educational materials on environmental issues. Entries are diverse with materials described ranging from workbooks to curriculum plans, to posters and pamphlets, to newsletters, films and computer software.

Environmental Exchange - A Beginning

Grades K - 12

Activity Guide

Multi-media

This activity guide contains multi-media experiments for elementary through high school students including things to do and talk about.

Environmental Health Risk Education for Youth

Grades K - 12

Sourcebook

Other

This resource guide is intended for school administrators, teachers, curriculum developers, students, parents and other persons interested in environmental health education. It describes programs, curricula, classroom materials, dissemination networks, and other resources that provide students with knowledge and critical thinking skills.

Environmental Indicators in the Classroom - Florida

Grades 9 - 12

Curriculum

Other

This teacher's guide and class activity is designed to teach secondary students how to use environmental indicators to assess the quality of the environment in the Tampa Bay area.

Fun With the Environment

Grades 4 - 6

Activity Guide

Multi-media

Fun With the Environment introduces elementary students to the concept of the environment and what pollution is. The guide shows students the effects of pollution on the environment.

Geography: Reflections on Water

Grades 3 - 8

Curriculum

Water

This teacher's handbook provides activities and lesson plans that will help students, in practical ways, to become aware of water issues that affect them directly. This curriculum is intended to span one week.

Global Thinking - A Teacher's Guide

Grades K - 12

Sourcebook

Multi-media

The Global Thinking Project is a cross-cultural, interdisciplinary set of teaching materials that is designed to contribute to a sustainable planet by helping teachers and students think globally. This approach teaches students to identify important global problems.

Global Thinking - Teacher's Resource

Grades 6-8

Curriculum

Multi-media

The Global Thinking Project is a cross-cultural, interdisciplinary set of teaching materials that is designed to contribute to a sustainable planet by helping teachers and students think globally. This approach teaches students to identify important global problems.

Great Beginnings in Environmental Education

Grades K - Adult

Activity Guide

Multi-media

The activities included in this resource contain hands-on environmental education modules which are open ended, problem solving, interdisciplinary, and interrelatedness is woven throughout. The backdrop is nature and natural processes on Earth. The activities are arranged in sequence according to the lowest grade level applicable for that activity.

Groundwater: A Vital Resource

Grades 3 - 12

Activity Guide

Water

This ground water activity series represents an effort to instill a sense of groundwater worth. It consists of 23 units that cover areas from characteristics of an aquatic environment and purifying water by filtering, to municipal waste contamination and coliform bacteria determination.

Handbook of Schoolyard Plants and Animals

Grades K - 6

Activity Guide

Other

This activity guide is designed to guide people who work with elementary school children in the ecology and behavior of schoolyard animals of North Central Florida. Many of the entries and activities involve measuring, counting, comparing, graphing, and testing predictions.

HAZ-ED: Classroom Activities for Understanding Hazardous Waste

Grades 7 - 12

Activity Guide

Waste

This activity guide was created to assist teachers in their community involvement and outreach efforts and to help them educate citizens about the Superfund program and hazardous waste issues.

Hey SRS . . . Recycle This

Grades K - 3

Activity Guide

Waste

Hey SRS . . . Recycle This is an activity guide about recycling and provides appropriate activities for elementary school children.

<i>Instructional Modules in Environmental Education</i>	Grades K - 8	Curriculum	Multi-media
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The curriculum was developed to assist elementary teachers in integrating environmental education into their classroom. Six modules are included: Habitats, Prairies, Streams and Ponds, Wetlands, Forests, and Urban and Suburban Environments. All of the modules include objectives, a pre/post-test, strategies for integrating into traditional subject matter, background ecological and environmental information, tow environmental education investigations, adaptation ideas for grades K through 8, extension activities, alternative assessment methods, and a list of resources.

<i>Investigating Your Environment</i>	Grades K - 12	Curriculum	Multi-media
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The processes and techniques contained in these lesson plans enable students to actively examine different components of the environment and help them to understand the relationships among these components. Each lesson plan provides a framework which succeeding activities and discussions build on what has gone on before, leading the participants to an understanding of environmental relationships.

<i>Iowa Developed Energy Activity Sampler - 1</i>	Grades K - 5	Activity Guide	Other
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This activity guide provides various activities that utilize a learning cycle to develop a knowledgeable student population concerning energy matters. Activities are loosely structured to allow for student exploration, hypothesizing, and decision making. This guide is divided into nine units each working with a separate energy source.

<i>Iowa Developed Energy Activity Sampler - 2</i>	Grades 6-12	Activity Guide	Other
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See *Iowa Developed Energy Activity Sampler - 1*

<i>Kentucky Association for Environmental Education Resource Guide, The</i>	Adult	Sourcebook	Multi-media
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This sourcebook lists the organizational resources in Kentucky including names, addresses and telephone numbers.

<i>Kentucky's Environment</i>	Grades 7 - 12	Curriculum	Multi-media
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This teachers' guide is a companion to the *State of Kentucky's Environment: A Report of Progress and Problems*. The guide contains activities that will provide students the opportunity to learn about current environmental issues in their communities. Activities have been assembled for: water resources, air quality, waste management, natural resources, toxics, coal mining, and energy.

<i>Language Arts With an Environmental Twang</i>	Grades 1 - 7	Activity Guide	Other
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This activity guide is divided into four sections: listening, vocabulary, speech and dramatics, and creative writing for teachers of grades 1 through 7. It provides activities in language arts that have an environmental message.

Learning About Lighting With Flossie

Grades 3 - 8

Activity Guide

Air

This activity guide is about saving energy by using high efficiency lighting.

Lesson Plan and Home Survey - Earth Day

Grades K - 12

Curriculum

Other

This curriculum provides teachers and other educators with classroom lessons and home surveys that are starting points for understanding four significant environmental issues: water, toxics, energy, and solid waste/recycling. Each issue area involves two, forty-five minute lessons and a take-home survey for the students.

Less Waste In The First Place

Grades K - 12

Activity Guide

Waste

The lessons contained in this guide provide students with a basic understanding of the scientific and environmental principles that govern modern package design and development. The lessons are not intended to stand alone, but should be used to supplement existing curricula and classroom experiences in science.

Let's Recycle!

Grades K-12

Curriculum

Waste

This guide informs students of solid waste problems and the options to disposal. The manual is divided into two sections: one for grades K - 6; and one for grades 7 - 12.

Let's Reduce and Recycle

Grades K - 12

Curriculum

Waste

The lesson plans in this curriculum guide are based upon those that emerged as a part of a public education effort to promote recycling awareness in Somerville, MA.

Making Environmental Education Organizations Effective

Adult

Sourcebook

Multi-media

The purpose of this handbook is to strengthen, promote and highlight the activities of state/provincial and regional environmental education associations by sharing the experiences, knowledge and expertise of other environmental educators. It is meant to stimulate discussion, thinking, and reflection, and assist the reader in making a commitment to local action.

Mobius Fun Book

Grades K - 5

Activity Guide

Waste

The *Mobius Fun Book* is an activity book and guide about recycling for elementary school students.

Municipal Solid Waste Management - Teachers Guide

Grades K - 12

Curriculum

Waste

This guide provides teachers with sample lessons. The lessons are designed to help students gain knowledge and make decisions regarding waste reduction, recycling, composting, sanitary landfill design and safe incineration.

<i>North Carolina Environmental Education Plan</i>	Adult	Other	Other
This is the <i>North Carolina Environmental Education Plan</i> issued by the North Carolina Office of Environmental Education, April 1995.			
<i>On Campus Teaching Guide</i>	Grades K - 12	Activity Guide	Multi-media
This booklet presents a variety of environmentally oriented activities that can be used on school sites. Most of the activities are interdisciplinary. The activities are cross-referenced according to two separate index systems: by discipline area, and by topic and subject.			
<i>Once There Lived a Wicked Dragon</i>	Grades K - 5	Activity Guide	Waste
This activity book for children is about a dragon who is awakened by pollution. He threatens a village until the adults finally clean up the environment.			
<i>On the Trail of the Missing Ozone</i>	Grades 5 - 12	Activity Book	Air
This booklet describes the effects of CFC's and other chemicals on the ozone.			
<i>Organisms of the Dock</i>	Grades 6 - 12	Activity Guide	Water
<i>Organisms of the Dock</i> is the third in a series of independent study units entitled <i>A Study Approach to the Georgia Coast</i> . It is composed of three sections: background, natural history, and collection. The sections are designed to provide field and classroom activities.			
<i>Ozone Layer Educator's Guide</i>	Adult	Sourcebook	Air
This educator's guide is intended for use by science teachers, environmental educators, and teacher trainers in planning and conducting classes and activities on ozone depletion. While the materials are best suited for high school students through college, they can be adapted to meet the needs of lower grades.			
<i>Partners in Paradise</i>	Grades 9 - 12	Curriculum	Other
This curriculum focuses on the students own experiences and ideas. It is organized into several broad, sequenced areas: the natural wonders of birds, migration and survival in natural ecosystems; flight to new world habitats; discovering birds first-hand; and problems and partnerships in biodiversity.			
<i>Peace River Basin, The</i>	Grades 6 - 8	Curriculum	Water
This curriculum specifically addresses the Peace River Basin in Florida. It includes the Florida science strands for the unit. The curriculum covers awareness activities, the water cycle, weather patterns, the Peace River and sinkholes, and saltwater intrusion.			

<i>Plant a Tree for Life</i>	Grades K - 12	Curriculum	Other
This mini-curriculum is designed to encourage participation in planting and nurturing trees. The students will realize they have a responsibility for creating and maintaining a life-supporting environment through a personal involvement with planting trees.			
<i>Plastic Debris Teaching Activities</i>	Grades K - 12	Activity Guide	Waste
The purpose of this teaching kit is to raise an awareness of the problems plastic debris causes for wildlife and to encourage students to look for solutions to these problems.			
<i>Project A.I.R.E. - Air Information Resources for Education</i>	Grades K - 12	Curriculum	Air
The learning units have been developed to focus the attention of students on air pollution issues. The units in this package have been designed to help students think more critically and creatively about air pollution problems and the alternatives for resolving them.			
<i>Project Teach: Teaching Environmental Activities in Coastal Habitats - Elementary</i>	Grades K - 5	Other	Water
<i>Project Teach</i> is a workshop guide for teachers that increases their knowledge of ecology and environmental science. It demonstrates examples of field, laboratory, and classroom activities that may be useful in teaching these areas. It consists of five, day-long workshop modules plus one, half-day follow-up visit.			
<i>Project Teach: Teaching Environmental Activities in Coastal Habitats - Middle School</i>	Grades 6 - 8	Other	Water
See <i>Project Teach - Elementary</i>			
<i>Radon Alert</i>	Grades K - 12	Curriculum	Air
This curriculum was designed for South Carolina but can be modified for other areas. <i>Radon Alert</i> contains a series of investigation and extension activities exploring radon and its potential impact on people.			
<i>Recycle - Conserve - Protect</i>	Grades 4 - 6	Curriculum	Waste
<i>Recycle - Conserve - Protect</i> is a 14-lesson teachers guide. It has been developed to assist teachers in presenting environmental education to their intermediate level students. The lessons include both in-class and at-home activities.			
<i>Recycling Study Guide</i>	Grades 4 - 12	Sourcebook	Waste
This study guide is intended to help students understand what solid waste is. The guide includes an overview of solid waste and recycling, a glossary, suggested activities and a list of resources, materials and organizations..			

REEP: Regional Environmental Education Program: Biology - Adaptations	Grades 9 - 12	Curriculum	Water
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The goal of this unit is to develop the concept of adaptations in humans and other organisms; to show the relationship of the ecological concept of adaptations to the environmental problem of threatened, endangered and extinct species, especially wetland species; to identify some problems resulting from human activity in wetlands; and to help students become more involved on the local level to take personal action to protect these unique ecosystems.

REEP: Regional Environmental Education Program: Chemistry - Cycles	Grades 9 - 12	Curriculum	Other
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The goal of this high school level environmental education unit is to develop in students an awareness of, and appreciation for, oxygen and its allotropic form ozone, and for the "problems" of ozone as a pollutant in the troposphere and ozone shield depletion in the atmosphere.

REEP: Regional Environmental Education Program: Environmental Science - Cycles	Grades 9 - 12	Curriculum	Air
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The goal of this high school level environmental education unit is to develop an awareness in students of the issue of air pollution, with special focus on acid deposition -- its causes and effects, and the controversy surrounding it.

REEP: Regional Environmental Education Program: High School Social Studies - Communities	Grades 9 - 12	Curriculum	Other
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The goal of this Social Studies/Communities unit is to develop the concept of community as it pertains to the human population and its ability to use the land sustainably; to identify social and environmental problems resulting from land use activities; to show the relationship of land use, standards of living, and environmental and economic impacts; to help students analyze their worldview regarding land use, population, and environmental degradation; and to foster awareness and action in protecting the Earth from pollution.

REEP: Regional Environmental Education Program: Physics/Technology Education - Energy	Grades 9 - 12	Curriculum	Other
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The goal of this physics/technology education unit is to investigate the concept of energy; to examine the relationship between electrical production and environmental quality; to explore alternative energy sources in the production of electricity; and to promote energy conservation and pollution prevention.

Ripples: A Big Sweep Elementary Activity Guide	Grades K - 6	Activity Guide	Waste
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Ripples is a good start for elementary students to understand the problems of litter. It is a collection of ideas and resources for teachers to share with children in schools, clubs or other organizations.

<i>Rock Eagle Outdoor Environmental Program</i>	Grades K - 8	Curriculum	Multi-media
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This program is an effort to supplement classroom experiences. Lesson plans are based on curriculum guides approved by the Georgia Department of Education.

<i>Sand Castle Moats and Petunia Bed Holes</i>	Grades 6 - 12	Activity Guide	Water
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This activity guide provides information about groundwater in various regions of Virginia.

<i>Superfund Team - Mother Mouse, The</i>	Grades K - 5	Activity Book	Waste
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The purpose of this activity book is to help children understand the superfund program and the principles of hazardous waste.

<i>S.W.E.E.P - Solid Waste Elementary Education Program</i>	Grades K - 6	Curriculum	Waste
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This curriculum is divided into separate units for grades K - 6. The units are designed to provide elementary students with a better understanding of how habits and behavior toward waste handling affect the environment.

<i>Teaching About the Environment: A Resource Guide for Getting Started in Environmental Education</i>	Adult	Sourcebook	Multi-media
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Listed in this guide is a sampling of the thousands of materials available on environmental education and natural resource related topics. The guide highlights some of the most popular and least expensive materials.

<i>Teaching Soil and Water Conservation</i>	Grades K - 12	Activity Guide	Multi-media
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As an aid to teachers, this publication gives some practical suggestions to help them in carrying out activities and observations in the classroom and out-of-doors. Teachers can modify the activities according to the interests or needs of their students.

<i>This Land Is Sacred</i>	Grades 4 - 5	Activity Guide	Multi-media
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This activity guide is designed to assist students in developing their own personal set of environmental ethics. Each activity has its own set of learning objectives, background information, materials needed, estimated duration, subject area, step-by-step procedures and references. Most activities are correlated to the North Carolina competency-based curriculum for science and social studies.

Trash for the Long Haul

Grades K - 12

Sourcebook

Waste

Trash for the Long Haul is a resource guide for teachers, students and others who want to investigate solid waste issues in their community and take action to reduce, reuse, and recycle resources from the waste stream. The project ideas included are appropriate for learners of all ages and are adaptable to a variety of settings.

TVA - A World of Resources

Grades 6 - 8

Curriculum

Multi-media

This curriculum is designed to teach students about resource management. Activities in this program are action oriented and designed to blend into existing science, social studies, and in some cases, mathematics. Units include: air, cultural, energy, forest, recreation, water and wildlife resources, and an overview unit on how TVA integrates the management of these resources.

Waste: A Hidden Resource

Grades 7 - 12

Curriculum

Waste

This guide enriches traditional classroom subjects while focusing on waste issues. These materials encourage investigation, analysis, and decision making about our consumption of resources and management of waste.

Water: A Natural Wonder

Grades K - 12

Activity Guide

Water

This activity guide provides exercises in water for math, science, social studies, and geography.

Water Sourcebook, The

Grades 3 - 5

Curriculum

Water

The Water Sourcebook is directed specifically toward the in-school population. The program consists of supplemental activity guides targeting grades 3 through 5. All of the activities include "hands-on" components and are designed to blend with existing curricula in the areas of general science, language arts, math, social studies, art, and in some cases, reading or other areas.

Water Sourcebook, The

Grades 9 - 12

Curriculum

Water

See *The Water Sourcebook* Grades 3 - 5

Water: Where It Comes From And Where It Goes

Grades 6 - 12

Other

Water

This fact sheet describes sources of drinking water and its treatment and distribution. The fact sheet is presented with colorful graphics. It is site-specific to the state of California but can be used elsewhere.

***Wetlands Are Wonderlands! An Illustrated Guide
to Wetlands***

Grades K - 12

Activity Book

Water

Wetlands are Wonderlands! is an illustrated guide designed to enable students to understand the significant value of wetlands. By understanding the importance of natural systems, our children will be better prepared to make responsible decisions that will protect and enhance the quality of our wetlands.

What's Under Your Feet

Grades 4 - 8

Activity Guide

Other

This activity guide is divided into seven units dealing with the earth, forces acting upon the earth, measuring, mapping, geology, resources from the ground, and world geography.

Working in the Magic Garden

Grades K - 5

Curriculum

Multi-media

This curriculum is a compilation of lesson plans designed to bring teachers a new sensory experience for learning in all subjects. It is organized by grade level with Georgia's QCC (Quality Core Curriculum) correlated lessons that emphasize language arts, math, science and social studies.
