

Learning Resources

And Still The Turtle Watched

The Reading Rainbow Series

Grade 1: Characteristics and Needs of Living Things

Grade 4: Habitats and Communities

This Native American tale by Sheila MacGill-Callahan recounts the timeless message of our responsibility to nature and our environment.

LeVar explores various ways that children and adults are working together to protect and preserve the earth. Program Number 99.

Ages 6-11
30 minutes, order 5-4218-IN

Dolphins, The Environment And You

No matter where we are, we're all connected through our environment to the ocean, to pods of dolphins, and the rest of the creatures that live in the sea.

Explores the world of the dolphin through the efforts of the Wild Dolphin Project's Protect-a-Pod program. In the warm waters of the Bahamas, camera crews record the behaviour of a pod of wild, Atlantic spotted dolphins while scientists study their complex social behaviours.

Becoming active in cleaning up and preventing pollution can go a long way toward protecting these magnificent mammals.

Ages 12 to 14, Adult
28 minutes, order 1-9264-IN

From how paper is made, our place in freeing the world from pollution, to learning about ecology, young viewers will see and hear the extent of diversity with these videos

Ecosystems: Nature In Balance

Grade 7 - Interactions
Within Ecosystems: Basic concept: identify and explain the roles of producers, consumers and decomposers in food chains. Grade 6 - Diversity of Living Things.

Explores the ecosystem as a food chain with producers (plants), consumers (animals), and decomposers (bacteria and waste), showing how relationships in an ecosystem work and depend on each other.

Available in CD-ROM, VHS and Laser Videodisc

Ages 9-14
13 minutes, order 1-8559-IN

Field Trip To The Oil Refinery

Introduces children to the world of petroleum - its formation over millions of years and its transformation into the wide variety of products we use every day.

Imaginatively presented through Jason, who is writing a book report on petroleum, and a friendly dinosaur, who suddenly

comes to life from a picture. The dinosaur explains how petroleum was formed long ago and then takes Jason on a field trip to an oil refinery, where crude oil is transformed into fuels and petrochemicals.

Jason then learns how petrochemicals are used in everything from aspirin to ink, but he also learns that the supply of petroleum needed for these products is very limited.

Ages 6-11
17 minutes, order 1-8790-IN

A First Look At Trees

Grade 3 - Growth and Changes in Plants: *Basic concept: identify the major parts of a plant; describe changes they undergo in a life cycle.*

Beautiful photography highlights this explanation of what a tree is, how it grows and the benefits they bring to the planet. Presents a powerful message on the importance of environmental concern.

Ages 6-11
12 minutes, order 1-8383-IN

Giving Thanks: A Native American Good Morning Message

The Reading Rainbow Series

Grade 3 - Growth and Changes in Plants: *Relating Science and Technology: describe ways in which humans can protect natural areas to maintain native plant species.*

Written by Chief Jake Swamp and illustrated by Erwin Printup, Jr, this title celebrates the beauty, bounty and resources of the earth.

The First Nations' belief that the natural world is a precious and rare gift leads viewers to a family harvesting cranberries and to city kids planting trees in their neighbourhood, reinforcing the message of responsibility that we all share in caring for our environment. Program # 129.

Ages 6-11, Closed Captioned
30 minutes, order 5-4522-IN

How Paper Is Made

Grade 3 - Growth and Changes in Plants; *Relating Science and Technology to the World: describe ways in which humans use plants for food, shelter, and clothing.*

From the way paper was made in bygone days, to today's automated manufacturing and recycling processes, learn how paper has been created, consumed and conserved.

Ages 9-14
14 minutes, order 1-8557-IN



Learning Resources

Humphrey The Lost Whale

The Reading Rainbow Series

Grade 2 - *Growth and Changes in Animals*; *Basic concept: identify and describe behavioural characteristics that enable animals to survive.*

Grade 4 - Habitats and Communities.

Learning about whales enables us to help them survive in our environment.

Based on a real story of a California humpback whale that gets lost, by Wendy Tokuda and Richard Hall. Follow the amazing journey of "wrong-way" Humphrey as he finds his way back to the sea with the help of some friends. Humphrey's story, read by Jane Pauley, inspires LeVar to spend a day at sea on a whale-watching adventure where he uncovers some of the mysteries of the majestic whale. Program Number 56.

Ages 6-11
30 minutes, order 5-2003-IN

Jack, The Seal And The Sea

The Reading Rainbow Series

Grade 4 - *Habitats and Communities: Basic concept: dependency on a specific habitat; identify factors that affect animals in a specific habitat.*

It's up to each of us to keep the ocean clean and free from pollution.

The heartfelt story of a man who, after finding an ailing seal, can no longer ignore the sorry state of our world's seas. Inspired by this moving book, LeVar goes on a Discovery Voyage in San Francisco Bay to learn more about the preservation of our water and ways we can preserve the oceans. On this floating laboratory, he looks at a variety of marine life from the smallest the eye can see, to an amazing leopard shark. Viewers also get a first-hand look at the cleanup effort after a disastrous oil spill in Alaska. Program Number 67.

Ages 6-11
30 minutes, order 5-2261-IN

Learning About Ecology

Grade 4: *Habitats and Communities; Overall Expectation: demonstrate an understanding of; investigate the dependency of plants and animals on their habitat and the interrelationships of the plants and animals living in a specific habitat.*

Illustrates, with beautiful footage, the relationship between animals and their environment. Stresses the interrelationship of all elements in an ecosystem and the balances necessary to maintain and continue life.

Students learn that they too are part of an ecosystem, with specific responsibilities for its improvement and protection.

Also available in CD-ROM and Laser Videodisc format

Ages 9 to 11
13 minutes, order 1-8786-IN

Let's All Recycle

Woody Woodpecker, the official recycling mascot, explains the importance of the famous "three R's": *reducing; reusing; and recycling.* Youngsters learn that the Earth's resources are limited, and that their participation in conserving energy is valuable.

Available in CD-ROM and VHS formats

Ages 6-11
8 minutes, order 1-8390-IN

Literacy & Science Grade 5

Literacy & Learning Series

One of the biggest challenges facing content area teachers is making sure that students really understand what they are reading.

It's not enough just to be able to read the words on the page—students really need some guidance from the teacher to read effectively. While they're reading, students must be able to make connections between the new material they're encountering and what they already know about the topic. And after they read, they must be able to explain, in their own words, what they've gained from the reading.

"Literacy and Science" features two literacy strategies. *SQ3R* gives students five steps to develop effective study habits. *Concept Mapping*

allows teachers and students to organize concepts and determine the relations between concepts. Both *SQ3R* and *Concept Mapping* take the students to higher levels of thinking.

Although the strategies are demonstrated in a science setting, they can be used in any content area across the curriculum—and with any grade level.

Ages 6-11, Professional
19 minutes, order 5-4940-IN

More

An animated house turns into a giant city...a single car multiplies a thousand times...a tiny road spawns a network of highways...and a lone workshop generates factories until the air is thick with smoke. In the end, the Earth is all used up...there is no more. A warning that the resources of the planet are finite.

All Ages
4 minutes, order 1-8379-IN

Parasite Sleuth

The Wonderwise Women In Science Series

Ages 9 to 11
minutes, order 5-45931-IN

The Protecting Our Environment Series

This series explains what can be done to solve the mounting trash problem giving practical steps everyone can take to decrease what's thrown away.



Learning Resources

Recycle

Offers "how-to" list of recyclable items. Several items are shown as they're broken down, sent through the recycling process, and manufactured into new products. *Title also available in CD-ROM and Laser Videodisc formats*

16 minutes, order 1-8253

Reuse

Demonstrates how the utility value of many household items can be extended by modifying or creating new uses for them. *Title also available in CD-ROM and Laser Videodisc formats(D)*

13 minutes, order 1-8254

Reduce

Some concrete suggestions for reducing what we throw away, starting with the way we shop. Emphasizes maintaining existing items. *Title also available in Laser Videodisc format*

14 minutes, order 1-8255

Ages 9 to 11, Ages 12 to 14
43 minutes, order 1-82530-IN

Rain Forest Special: Researchers, Snakes, Frogs, Leafcutters

Newton's Apple Series

Epiphytes get a "leg up" from rain forest trees. How a mimic snake fakes poisonous threat. It's a frog-eat-frog world. Visit a fungus garden and see how symbiosis makes the ants' success possible.

Ages 12 to 14
30 minutes, order 5-5003-IN

Rainforest Ecologist: Janalee Caldwell, Biography

The Wonderwise Women In Science Series

Ages 9 to 11
minutes, order 5-45921-IN

The Salamander Room

The Reading Rainbow Series

Grade 2: *Basic concepts: Describe ways in which animals respond and adapt to their environment.*

Grade 3: *Describe how the growth of plants is affected by changes in environmental conditions; how features of plants help them survive.*

Grade 4: *Factors that affect plants and animals in a specific habitat.*

In this story by Anne Mazer, viewers learn that there's more to creating an animal habitat than meets the eye.

LeVar guides us through "Jungle World," a simulated rainforest at the Bronx Zoo, and shows us how this incredible environment was created. Program Number 94.

Ages 6-11
30 minutes, order 5-4225-IN

Sam The Sea Cow

The Reading Rainbow Series

Grade 4 - Habitats and Communities: *Basic concept: identify various factors that affect animals in a specific habitat; recognize they live in specific habitats because they are dependent on those habitats and have adapted to them.*

Many people are working hard to help save and protect manatees.

The true story of *Sam the Sea Cow* by Francine Jacobs, illustrated by Laura Kelly, is narrated by Jason Robards. LeVar travels to Florida for an up close look at manatees. These gentle giants and their natural habitat are explored, and LeVar joins the Sea World staff as they nurse an injured manatee back to health and return it to the wild. Program Number 83.

Ages 6-11, Closed Captioned
30 minutes, order 5-4050-IN

Trees: Evergreen And Deciduous

Grade 3 - Growth and Changes in Plants: *Basic concepts: Classify plants according to visible characteristics; describe the effects of the seasons on plants; describe the changes that plants undergo in a life cycle.*

Why do some trees lose their leaves in the fall, while others keep them through the year? What makes the leaves of some trees turn bright red, while others turn yellow?

Stunning time-lapse photography combines with micro photography to illustrate the similarities and differences between deciduous (cherry) and evergreen (Camellia) trees. The process of transpiration is defined and the effect of temperature, water, and seasonal change on both types of trees is explored.

Also available in CD-ROM format

Ages 9 to 11, Ages 12 to 14
17 minutes, order 1-8382-IN

Trumpeter Swans And How They Live

Animals And How They Live Series

Hunted almost to extinction, these birds are now making a comeback. Film traces their continuing struggle to survive, detailing migration, mating, nest building, raising their young, and cygnets' development to adulthood.

Ages 9-14
17 minutes, order 1-8479-IN

The Watershed Project

Take 15 troubled teenagers, a topographical map, a lot of Styrofoam and a load of cement, and what do you get? A giant walk-around, relief map of their area that the now expert youths use to teach watershed ecology.

This video chronicles the project from its inception to the triumphal first demonstrations and reveals that the teens learned as much about themselves as about science while completing the project. The video is accompanied with complete directions on construction, materials required, and explains the process of doing a similar project.

Professional
8 minutes, order 8-1081-IN



Learning Resources

The Wetlands

Grade 4 - Habitats and Communities: Basic concept: *Recognize that plants and animals live in specific habitats because they are dependent on those habitats and have adapted to them; Relating Science and Technology...: show the effects on plants and animals of the loss of their natural habitat.*

Beautifully photographed program provides a portrait of North America's imperiled wetlands, chronicling the life in these ecologically vital areas. Today, with fifty percent of North America's wetlands drained, people are becoming aware of the importance of these delicate parts of our planet's ecosystem and working to save them.

Also available in CD-ROM and Laser Videodisc.

Ages 12-18, Ages 9 to 11, Adult
13 minutes, order 1-8234-IN

The Wild World Series

Stunning nature photography of animals in their habitats, exciting stories in verse, and brief lessons reflecting the latest research on reading skills and comprehension motivate youngsters and keep their interest. Each program begins with a live-action nature story told in verse about the adventures of a young animal.

A Good Thing About Spots

Sabu is a shy leopard cub who learns to appreciate his spots when they help him and his mother hide from poachers. After escaping capture, the two leopards are sent by rangers to live in a national park where they are free from danger.

9 minutes, order 1-8055

A Colt Called Lucky

In the desert mountains, **L**ucky, a wild mustang, lives with the herd. Captured by ranchers, Lucky and his friends work in a rodeo, then find refuge in a wild horse sanctuary. Fabulous nature photography.

10 minutes, order 1-8058

Nina's Strange Adventure

Stunning nature photography shows **N**ina, a young river otter as she travels to the "land of her dreams". But when she finds a dirty city choked with trucks and cars, she returns to her home in the clean jungle with a new appreciation.

9 minutes, order 1-8056

A Jungle For Joey

Joey is a young, happy orangutan until some careless humans start a fire that destroys his jungle home. Joey wanders lost and afraid until he reaches an Orangutan Project where he is reunited with his family and friends.

9 minutes, order 1-8057

Daisy Discovers The World

The curiosity of a young sea lion named **D**aisy takes her on an exciting but dangerous adventure. When she finally finds her way back to her islands, she happily admits that though adventure may be great, there's no place like home.

9 minutes, order 1-8059

Ages 6-11

46 minutes, order 1-80550-IN

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